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The Effects of Post-Fire Management on Bird Community Succession **1997**, 7(4), 335-342

Book Review - Fire and Vegetation Dynamics: Studies from the North American Boreal Forest. **1994**, 4(2), 127-134

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Heat content variation of interior Pacific Northwest conifer foliage 2002, 11(1), 91-94

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Modeling Ignition and Burning Rate of Large Woody Natural Fuels 1995, 5(2), 81-91

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Fire, climate change, carbon and fuel management in the Canadian boreal forest 2001, 10(3&4), 405-413

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Forecasting diurnal variations in fire intensity to enhance wildland firefighter safety 2002, 11(3&4), 173-182

Alexander, ME

Assessing canopy fuel stratum characteristics in crown fire prone fuel types of western North America 2003, 12(1), 39-50

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Science, technology, and human factors in fire danger rating: the Canadian experience. **2006**, 15(1), 121-135

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Predicting forest floor moisture for burned and unburned Pinus banksiana forests in the Canadian Northwest Territories 2007, 16(1), 71-80

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Assessing crown fire potential in coniferous forests of western North America: a critique of current approaches and recent simulation studies 2010, 19(4), 377-398

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Wildland fire spread modelling using cellular automata: evolution in large-scale spatially heterogeneous environments under fire suppression tactics 2011, 20(5), 633-647

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Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata

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Resilience of the boreal forest in response to Holocene firefrequency changes assessed by pollen diversity and population dynamics

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Wildfires in boreal ecosystems: past, present and some emerging trends 2010, 19(8), 991-995

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A tale of two parks: contemporary fire regimes of Litchfield and Nitmiluk National Parks, monsoonal northern Australia 2001, 10(1), 79-89

Application of NDVI for predicting fuel curing at landscape scales in northern Australia: can remotely sensed data help schedule fire management operations? 2003, 12(3&4), 299-308

Allan, G

Fire-created patchiness in Australian savannas 2003, 12(3&4), 323-331

Allan, G

Large fires, fire effects and the fire-regime concept **2008**, 17(6), 688-695

Allan, GE

Contemporary fire regimes of northern Australia, 1997-2001: change since Aboriginal occupancy, challenges for sustainable management 2003, 12(3&4), 283-297

Allan, GE

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning 2007, 16(4), 361-377

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Effects of seeding ryegrass (Lolium multiflorum) on vegetation recovery following fire in a ponderosa pine (Pinus ponderosa) forest **2004**, 13(2), 183-194

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Paired charcoal and tree-ring records of high-frequency Holocene fire from two New Mexico bog sites **2008**, *17*(1), 115-130

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Holocene vegetation and fire regimes in subalpine and mixed conifer forests, southern Rocky Mountains, USA **2008**, *17*(1), 96-114

#### Allen, FL

Influence of Simulated Burning of Soil-Litter From Low Sagebrush, Squirreltail, Cheatgrass, and Medusahead on Water-Soluble Anions and Cations

**1996**, 6(3), 137-143

#### Allen, JL

Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results **2008**, *17*(4), 443-462

#### Allen, JL

Assessing the differenced Normalized Burn Ratio's ability to map burn severity in the boreal forest and tundra ecosystems of Alaska's national parks

**2008**, *17*(4), 463-475

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Development of post-fire crown damage mortality thresholds in ponderosa pine **2010**, 19(5), 583-588

### Alloza, JA

Modelling the effects of landscape fuel treatments on fire growth and behaviour in a Mediterranean landscape (eastern Spain) 2007, 16(5), 619-632

### Alloza, JA

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel **2010**, *19*(1), 75-93

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Linear model for spread rate and mass loss rate for mixedsize fuel beds **2010**, 19(5), 531-540

# Almeida, M

Effect of particle orientation and of flow velocity on the combustibility of *Pinus pinaster* and *Eucalyptus globulus* firebrand material **2011**, 20(8), 946-962

### Alonso, I

First Phases of Regeneration of Cistus Laurifolius and Cistus Ladanifer After Burning and Cutting in Experimental Plots 1992, 2(1), 7-14

### Alonso,

Seedling Regeneration of Two *Cistus* Species After Experimental Disturbances **1996**, *6*(1), 13-19

#### Alonso, M

Effects of soil burn severity on germination and initial establishment of maritime pine seedlings, under greenhouse conditions, in two contrasting experimentally burned soils **2011**, 20(2), 209-222

#### Alpert, J

Medium-range fire weather forecasts

1991, 1(3), 159-176

#### Alvarado, E

Extrapolation Problems in Modeling Fire Effects at Large Spatial Scales: a Review 1996, 6(4), 165-176

### Alvarado, EC

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire **2010**, *19*(6), 795-799

#### Alvarado, EC

The combustion of sound and rotten coarse woody debris: a review

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Construction of empirical models for predicting *Pinus* sp. dead fine fuel moisture in NW Spain. I: Response to changes in temperature and relative humidity

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Influence of tree age on seed germination response to environmental factors and inhibitory substances in *Pinus pinaster* 

**2005**, 14(3), 277-284

### Alvarez, R

Effect of high temperatures on seed germination and seedling survival in three pine species (*Pinus pinaster*, *P. sylvestris* and *P. nigra*) **2007**, *16*(1), 63-70

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Economic analysis of geospatial technologies for wildfire suppression

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Flame characteristics, temperature–time curves, and rate of spread in fires propagating in a bed of *Pinus pinaster* needles **2003**, *12*(1), 67-84

### Amiro, BD

Fire, climate change, carbon and fuel management in the Canadian boreal forest **2001**, *10*(3&4), 405-413

## Amiro, BD

Fire weather index system components for large fires in the Canadian boreal forest **2004**, *13*(4), 391-400

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Smoke measurements during Gestosa-2002 experimental field fires

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### Amorim, JH

Numerical modelling of the aerial drop of firefighting agents by fixed-wing aircraft. Part I: model development **2011**, *20*(3), 384-393

#### Amorim, JH

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Fire experiments in northern Australia: contributions to ecological understanding and biodiversity conservation in tropical savannas

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Prescribed burning: how can it work to conserve the things we value?

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Late Holocene geomorphic record of fire in ponderosa pine and mixed-conifer forests, Kendrick Mountain, northern Arizona, USA

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Analysis of Experimental Simulation of Ground Surface Heating During a Prescribed Burn

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Assessing the susceptibility of semiarid rangelands to wildfires using Terra MODIS and Landsat Thematic Mapper data **2011**, 20(5), 690-701

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Initial Floristics in Lodgepole Pine (*Pinus contorta*) Forests Following the 1988 Yellowstone Fires **1991**, *I*(2), 119-124

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An approach to operational forest fire growth predictions for Canada **2009**, *18*(8), 893-905

#### Anderson, KR

An evaluation of spatial and temporal patterns of lightningand human-caused forest fires in Alberta, Canada, 1980–2007 **2010**, 19(8), 1059-1072

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Landscape composition influences local pattern of fire size in the eastern Canadian boreal forest: role of weather and landscape mosaic on fire size distribution in mixedwood boreal forest using the Prescribed Fire Analysis System

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# Anderson, RS

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Fire Climatology in the western United States: introduction to special issue **2008**, *17*(1), 1-7

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A new look at the role of firereleased moisture on the dynamics of atmospheric pyroconvection **2009**, *18*(5), 554-562

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Postfire Effects on Soil Properties and Nutrient Losses **1996**, 6(2), 53-58

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Water quality, substratum and biotic responses of five central Idaho (USA) streams during the first year following the Mortar Creek fire **2001**, *10*(2), 185-199

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Benthic macroinvertebrate assemblages in five central Idaho (USA) streams over a 10-year period following disturbance by wildfire **2001**, *10*(2), 201-213

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Development of post-fire crown damage mortality thresholds in ponderosa pine **2010**, *19*(5), 583-588

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Honey Mesquite Canopy Responses to Single Winter Fires: Relation to Herbaceous Fuel, Weather and Fire Temperature 1998, 8(4), 241-252

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Postfire Growth of Pseudotsuga menziesii and *Pinus contorta* in the Northern Rocky Mountains, USA 1991, 1(1), 63-71

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Evaluation of FARSITE simulator in Mediterranean maquis **2007**, *16*(5), 563-572

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Confronting complexity: fire policy choices in South African savanna parks

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Grazer movements: spatial and temporal responses to burning in a tall-grass African savanna **2004**, *13*(3), 377-385

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Effects of Fire on Soil Macroinvertebrates in a Mediterranean Phryganic Ecosystem **1995**, 5(2), 113-121

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Legumes in the Fire-Prone Mediterranean Regions: an Example From Greece 1996, 6(2), 77-82 Arianoutsou, M

Vegetation Composition in a Post-Fire Successional Gradient of *Pinus Halepensis* Forests in Attica, Greece **1996**, *6*(2), 83-91

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Impact of climate change on area burned in Alberta's boreal forest

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Long-term forest fire retardants: a review of quality, effectiveness, application and environmental considerations **2004**, *13*(1), 1-15

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Comparing the Prescribed Natural Fire Program With Presettlement Fires in the Selway-Bitterroot Wilderness 1994, 4(3), 157-168

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Fire Ecology of Pacific Northwest Forests, by J.K. Agee. **1994**, *4*(3), 195-200

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Postfire Regeneration of a Mediterranean Heathland in Southern Spain **1996**, *6*(4), 191-198

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Laboratory fire spread analysis using visual and infrared images

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Seedling Mortality in Regeneration of Aleppo Pine Following Fire and Attack by the Scale Insect *Matsucoccus josephi* **1997**, 7(4), 327-333

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Persistence of obligate-seeding species at the population scale: effects of fire intensity, fire patchiness and long fire-free intervals

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Bare soil and rill formation following wildfires, fuel reduction treatments, and pine plantations in the southern Sierra Nevada, California, USA **2010**, 19(4), 478-489

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Spatial distribution of ignitions in Mediterranean periurban and rural areas: the case of Catalonia **2006**, *15*(2), 187-196

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Fuel characteristics and fire behaviour in mature Mediterranean gorse shrublands **2004**, *13*(1), 79-87

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Fuel structural traits modulating soil temperatures in different species patches of Mediterranean Basin shrublands 2011, 20(5), 668-677

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Wildland fire spread modelling using cellular automata: evolution in large-scale spatially heterogeneous environments under fire suppression tactics **2011**, *20*(5), 633-647

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Wildland Fire and Chaparral Succession Along the California Baja-California Boundary 1995, 5(1), 13-24

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Simulation of long-term landscape-level fuel treatment effects on large wildfires **2007**, *16*(6), 712-727

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Modeling interactions between fire and atmosphere in discrete element fuel beds 2005, 14(2), 37-48

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Fluctuations in fuel moisture across restoration treatments in semi-arid ponderosa pine forests of northern Arizona, USA

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Bair, AN

Holocene vegetation and fire regimes in subalpine and mixed conifer forests, southern Rocky Mountains, USA

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Fire Planning for Wildlife Management - a Decision-Support System for Nadgee-Nature-Reserve, Australia **1994**, 4(2), 107-121

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Fire Planning for Wildlife Management: A Reply to Whelan and Baker (1996). **1996**, 6(1), 3-4

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Paired charcoal and tree-ring records of high-frequency Holocene fire from two New Mexico bog sites **2008**, 17(1), 115-130

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Modelling Reservations: A Comment on Baird et al. (1994).**1996**, 6(1), 1-3

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Baker, PJ

The impacts of large-scale, lowintensity fires on the forests of continental South-east Asia 2008, 17(6), 782-792

Baker, WI.

Fire history in ponderosa pine landscapes of Grand Canyon National Park: is it reliable enough for management and restoration? 2006, 15(3), 433-437

Baker, WL

Accurate estimation of mean fire interval for managing fire 2006, 15(4), 489-495

Baker, WL

Environmental and climatic variables as potential drivers of post-fire cover of cheatgrass (Bromus tectorum) in seeded and unseeded semiarid ecosystems **2009**, 18(2), 191-202

Balbi, JH

Dynamic modelling of fire spread across a fuel bed 1999, 9(4), 275-284

Balbi, JH

Dynamic modelling of upslope fire growth **1999**, 9(4), 285-292

Balbi, JH

A two-dimensional model of fire spread across a fuel bed including wind combined with slope conditions 2002, 11(1), 53-63

Balfour, VN

The effect of ash on runoff and erosion after a severe forest wildfire, Montana, USA 2008, 17(5), 535-548

Ball, GL

Improved Fire Growth Modeling **1992**, 2(2), 47-54

Banfield, E

Estimating direct carbon emissions from Canadian wildland fires 2007, 16(5), 593-606

Bar Massada, A

Allocating fuel breaks to optimally protect structures in the wildland-urban interface 2011, 20(1), 59-68

Volatile and semi-volatile organic compounds in smoke exposure of firefighters during prescribed burning in the Mediterranean region 2010, 19(5), 606-612

Emission of biogenic volatile organic compounds involved in eruptive fire: implications for the safety of firefighters **2011**, 20(1), 152-161

Barclay, AD

Effects of seeding ryegrass (Lolium multiflorum) on vegetation recovery following fire in a ponderosa pine (Pinus ponderosa) forest 2004, 13(2), 183-194

Barmore, WJ

Seventeen Years of Forest Succession Following the Waterfalls Canyon Fire in Grand Teton National Park, Wyoming **1998**, 8(1), 45-55

Long lead statistical forecasts of area burned in western U.S. wildfires by ecosystem province 2002, 11(3&4), 257-266

Barrett, SW

Fire Regimes on Andesitic Mountain Terrain in Northeastern Yellowstone-National-Park, Wyoming **1994**, 4(2), 65-76

Barrett, SW

Comparing the Prescribed Natural Fire Program With Presettlement Fires in the Selway-Bitterroot Wilderness 1994, 4(3), 157-168

Barry, D

Analysis of the patterns of large fires in the boreal forest region of Alaska 2002, 11(2), 131-144

Bartlein, P

Long-term relations among fire, fuel, and climate in the northwestern US based on lakesediment studies 2008, 17(1), 72-83

Bartlein, PJ

Temporal and spatial structure in a daily wildfire-start data set from the western United States (1986-96)2008, 17(1), 8-17

Bartlein, PJ

Peak detection in sedimentcharcoal records: impacts of alternative data analysis methods on fire-history interpretations 2010, 19(8), 996-1014

Bartlette, R

Soil moisture dynamics and smoldering combustion limits of pocosin soils in North Carolina, USA 2009, 18(3), 326-335

Başaran, MA

Long-term post-fire succession of Pinus brutia forest in the east Mediterranean 2010, 19(5), 599-605

Başaran, S

Long-term post-fire succession of Pinus brutia forest in the east Mediterranean 2010, 19(5), 599-605

Battaglia, M

Predicting mortality of ponderosa pine regeneration after prescribed fire in the Black Hills, South Dakota, USA 2009, 18(2), 176-190

Effects of fire frequency on prescribed fire behaviour and soil temperatures in dry dipterocarp forests **2011**, 20(1), 35-45

Bautista, S

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel 2010, 19(1), 75-93

Development of a laboratory protocol for fire performance of landscape plants **2004**, 13(4), 479-488

#### Beall, FC

Use of the cone calorimeter to detect seasonal differences in selected combustion characteristics of ornamental vegetation 2005, 14(3), 321-338

#### Beasley, FA

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools **1997**, 7(2), 105-118

### Beasley, FA

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires **1997**, 7(2), 119-131

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Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires **1997**, 7(2), 133-144

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Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland Fires **1997**, 7(2), 145-158

#### Beasley, FA

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### Beasley, FA

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 167-180

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Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 181-199

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Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe **1997**, 7(2), 77-85

### Beasley, FA

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest **1997**, 7(2), 87-98

### Beasley, FA

Project Aquarius 4. Experimental Bushfires, Suppression Procedures, and Measurements **1997**, 7(2), 99-104

### Beaver, AK

Forecasting diurnal variations in fire intensity to enhance wildland firefighter safety 2002, 11(3&4), 173-182

#### Beck, JA

Forecasting diurnal variations in fire intensity to enhance wildland firefighter safety 2002, 11(3&4), 173-182

Predicting forest floor moisture for burned and unburned Pinus banksiana forests in the Canadian Northwest Territories 2007, 16(1), 71-80

#### Bedward, M

Prediction of the probability of large fires in the Sydney region of south-eastern Australia using fire weather

2009, 18(8), 932-943

### Beer, T

The Speed of a Fire Front and Its Dependence on Wind-Speed **1993**, 3(4), 193-202

### Beer, T

Fire Propagation in Vertical Stick Arrays - the Effects of Wind **1995**, 5(1), 43-49

### Beghin, R

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy 2009, 18(6), 727-735

# Bégin, Y

Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata **2010**, 19(8), 1015-1025

### Behm, AL

Flammability of native understory species in pine flatwood and hardwood hammock ecosystems and implications for the wildlandurban interface 2004, 13(3), 355-365

#### Bekker, SJ

Shrubland fire regime scenarios in the Swartberg Mountain Range, South Africa: implications for fire management 2007, 16(1), 81-95

#### Belillas, CM

Relationships Between Fire Severity and Atmospheric and Leaching Nutrient Losses in British Columbia's Coastal Western Hemlock Zone Forests **1998**, 8(2), 87-101

### Bell, T

Effects of the fire retardant Phos-Chek on vegetation in eastern Australian heathlands 2005, 14(2), 199-211

#### Bellia, E

Great tit (Parus major) breeding in fire-prone oak woods: differential effects of post-fire conditions on reproductive stages 2011, 20(4), 605-611

#### Benedict, JM

Physical Properties of Woody Fuel Particles of Sierra Nevada Conifers

**1996**, 6(3), 117-123

### Benedict, JM

Seventeen Years of Forest Succession Following the Waterfalls Canyon Fire in Grand Teton National Park, Wyoming **1998**, 8(1), 45-55

## Benedict, JM

Heat Content Variation of Sierra Nevada Conifers **1998**, 8(3), 147-158

### Benito, E.

Heat-Induced Degradation Processes in Forest Soils **1991**, 1(3), 147-152

### Benito, E.

Effects of heating on some soil physical properties related to its hydrological behaviour in two north-western Spanish soils 2004, 13(2), 195-199

### Benjelloun, H

Alternative equations to estimate the surface-to-volume ratio of different forest fuel particles

2011, 20(5), 648-656

# Benoit, JW

Probability based models for estimation of wildfire risk 2004, 13(2), 133-142

# Benoit, JW

Wildland fire probabilities estimated from weather modeldeduced monthly mean fire danger indices 2008, 17(3), 305-316

#### Bensch, RR

Application of the Nelson model to four timelag fuel classes using Oklahoma field observations: model evaluation and comparison with National Fire Danger Rating System algorithms 2007, 16(2), 204-216

#### Benscoter, BW

Interactive effects of vegetation, soil moisture and bulk density on depth of burning of thick organic soils **2011**, 20(3), 418-429

## Benson, NC

Remote sensing techniques to assess active fire characteristics and post-fire effects 2006, 15(3), 319-345

#### Benson, NC

FFI: a software tool for ecological monitoring **2009**, 18(3), 310-314

# Berg, NH

Bare soil and rill formation following wildfires, fuel reduction treatments, and pine plantations in the southern Sierra Nevada, California, USA **2010**, 19(4), 478-489

### Bergeron, Y

Fire impacts and crowning in the boreal forest: study of a large wildfire in western Quebec

2001, 10(2), 119-127

## Bergeron, Y

A 229-year dendroclimaticinferred record of forest fire activity for the Boreal Shield of Canada

2006, 15(3), 375-388

### Bergeron, Y

Historical fire regime shifts related to climate teleconnections in the Waswanipi area, central Quebec, Canada **2007**, 16(5), 607-618

# Bergeron, Y

Dendroclimatic inference of wildfire activity in Quebec over the 20th century and implications for natural disturbance-based forest management at the northern limit of the commercial forest 2008, 17(3), 348-362

### Bergeron, Y

Does the post-fire organic layer compress beneath the snowpack? **2010**, 19(5), 673-676

## Bergeron, Y

Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata **2010**, 19(8), 1015-1025

#### Bergeron, Y

Resilience of the boreal forest in response to Holocene firefrequency changes assessed by pollen diversity and population dynamics

**2010**, 19(8), 1026-1039

### Bergeron, Y

Variation in local weather explains differences in fire regimes within a Québec southeastern boreal forest landscape 2010, 19(8), 1073-1082

#### Bergeron, Y

The effects of surficial depositdrainage combinations on spatial variations of fire cycles in the boreal forest of eastern Canada

2010, 19(8), 1083-1098

### Bergeron, Y

Landscape composition influences local pattern of fire size in the eastern Canadian boreal forest: role of weather and landscape mosaic on fire size distribution in mixedwood boreal forest using the Prescribed Fire Analysis System **2010**, 19(8), 1099-1109

### Bergeron, Y

Spatial pattern analyses of postfire residual stands in the black spruce boreal forest of western Quebec

**2010**, 19(8), 1110-1126

### Bergeron, Y

Will climate change drive 21st century burn rates in Canadian boreal forest outside of its natural variability: collating global climate model experiments with sedimentary charcoal data

2010, 19(8), 1127-1139

### Bergeron, Y

Tree mortality and snag dynamics in North American boreal tree species after a wildfire: a long-term study 2011, 20(6), 751-763

# Beringer, J

Biomass Burning and Resulting Emissions in the Northern Territory, Australia **1995**, 5(4), 229-235

### Beringer, J

Fire impacts on surface heat, moisture and carbon fluxes from a tropical savanna in northern Australia 2003, 12(3&4), 333-340

## Bernia, S

Effects of prescribed fire on soil quality in Mediterranean grassland (Prades Mountains, north-east Spain) 2005, 14(4), 379-384

Mapping the Location of Wildfires in Alaskan Boreal Forests Using AVHRR Imagery **1995**, 5(2), 55-62

#### Betancourt, JL

Effects of seeding ryegrass (Lolium multiflorum) on vegetation recovery following fire in a ponderosa pine (Pinus ponderosa) forest **2004**, 13(2), 183-194

#### Beverly, JL

Modelling the probability of sustained flaming: predictive value of fire weather index components compared with observations of site weather and fuel moisture conditions **2007**, 16(2), 161-173

### Beverly, JL

Stand-specific litter moisture content calibrations for the Canadian Fine Fuel Moisture Code

2007, 16(4), 463-472

### Beverly, JL

Assessing the exposure of the built environment to potential ignition sources generated from vegetative fuel

**2010**, 19(3), 299-313

#### Beyers, JL

Evaluating the effectiveness of contour-felled log erosion barriers as a post-fire runoff and erosion mitigation treatment in the western United States 2008, 17(2), 255-273

#### Beyers, JL

Recent trends in post-wildfire seeding in western US forests: costs and seed mixes 2011, 20(5), 702-708

### Bian, X

Climatological and statistical characteristics of the Haines Index for North America 2007, 16(2), 139-152

Turbulent kinetic energy during wildfires in the north central and north-eastern US 2010, 19(3), 346-363

### Bian, X

A North American regional reanalysis climatology of the Haines Index

**2011**, 20(1), 91-103

### Biggs, HC

A patch mosaic burning system for conservation areas in southern African savannas 2001, 10(2), 169-183

# Biggs, HC

The contribution of fire research to fire management: a critical review of a long-term experiment in the Kruger National Park, South Africa 2007, 16(5), 519-530

A Dynamic Fuel Model for Use in Managed Even-Aged Stands **1994**, 4(3), 177-185

Effect of heat on seed germination of Pinus sylvestris and Pinus nigra ssp. PallasianA 2006, 15(2), 283-286

### Bilgili, E

Estimating crown fuel loading for calabrian pine and Anatolian black pine

2008, 17(1), 147-154

#### Bilskie, J

Measuring duff moisture content in the field using a portable meter sensitive to dielectric permittivity **2004**, 13(3), 343-353

#### Bindi, M

The meteorological conditions associated with extreme fire risk in Italy and Greece: relevance to climate model studies

2008, 17(2), 155-165

### Bishop, I

Long-term forest landscape responses to fire exclusion in the Great Xing'an Mountains,

2007, 16(1), 34-44

#### Bisquert, MM

Fire danger estimation from MODIS Enhanced Vegetation Index data: application to Galicia region (north-west Spain)

**2011**, 20(3), 465-473

### Bissonette, JA

The effects of fire on avian communities: spatio-temporal attributes of the literature 1912-2003

2009, 18(5), 609-622

### Black, A

Career stages in wildland firefighting: implications for voice in risky situations 2011, 20(1), 115-124

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

### Blake, WH

Heating effects on water repellency in Australian eucalypt forest soils and their value in estimating wildfire soil temperatures

2004, 13(2), 157-163

Meteorological conditions and wildfire-related houseloss in Australia

2010, 19(7), 914-926

### Blank, RR

Influence of Simulated Burning of Soil-Litter From Low Sagebrush, Squirreltail, Cheatgrass, and Medusahead on Water-Soluble Anions and Cations

**1996**, 6(3), 137-143

# Blank, RR

The Influence of Wildfire on Aqueous-Extractable Soil Solutes in Forested and Wet Meadow Ecosystems Along the Eastern Front of the Sierra-Nevada Range, California **1998**, 8(2), 79-85

#### Blank, RR

Combustion properties of Bromus tectorum L.: influence of ecotype and growth under four CO2 concentrations 2006, 15(2), 227-236

#### Blodgett, N

Effect of fire weather, fuel age and topography on patterns of remnant vegetation following a large fire event in southern California, USA 2010, 19(4), 415-426

### Bobanuba, WE

Remote sensing of fire regimes in semi-arid Nusa Tenggara Timur, eastern Indonesia: current patterns, future prospects

2006, 15(3), 307-317

#### Bobbe, T

A primer on mapping vegetation using remote sensing 2001, 10(3&4), 277-287

### Bobbitt, MJ

Remote sensing for prediction of 1-year post-fire ecosystem condition

2009, 18(5), 594-608

#### Bond, WJ

Confronting complexity: fire policy choices in South African savanna parks **2003**, 12(3&4), 381-389

### Bond, WJ

Grazer movements: spatial and temporal responses to burning in a tall-grass African savanna 2004, 13(3), 377-385

# Bond, WJ

Physically motivated empirical models for the spread and intensity of grass fires **2008**, 17(5), 595-601

Physical, chemical and hydrological properties of Ponderosa pine ash **2011**, 20(3), 443-452

### Borchert, M.

The effects of fire on avian communities: spatio-temporal attributes of the literature 1912-2003

2009, 18(5), 609-622

### Borén, R

Estimation of dead fuel moisture content from meteorological data in Mediterranean areas. Applications in fire danger assessment 2007, 16(4), 390-397

# Boring, LR

Season of burn and nutrient losses in a longleaf pine ecosystem 2004, 13(4), 443-453

### Bork, EW

Predicting sustained smouldering combustion in trembling aspen duff in Elk Island National Park, Canada 2007, 16(6), 690-701

Borrego, C

A Prognostic Meteorological Model Applied to the Study of a Forest Fire

**1996**, 6(4), 157-163

Borrego, C

Smoke measurements during Gestosa-2002 experimental field fires 2005, 14(2), 107-116

Borrego, C

Local-scale modelling system to simulate smoke dispersion **2007**, 16(2), 196-203

Borrego, C

Fire activity in Portugal and its relationship to weather and the Canadian Fire Weather Index System

2008, 17(3), 328-338

Bosch, EM

Spatial patterns of forest fires in Canada, 1980-1999 2006, 15(3), 361-374

Boschetti, L

Field estimation of ash and char colour-lightness using a standard grey scale 2010, 19(6), 698-704

Boschetti, L

Global assessment of the temporal reporting accuracy and precision of the MODIS burned area product **2010**, 19(6), 705-709

Boschetti, L

Southern African fire regimes as revealed by remote sensing **2010**, 19(7), 861-878

Botelho, HS

A review of prescribed burning effectiveness in fire hazard reduction

**2003**, 12(2), 117-128

Botelho, HS

Empirical modelling of surface fire behaviour in maritime pine

2009, 18(6), 698-710

Botha, EJ

A simple method for fieldbased grassland curing assessment

2011, 20(6), 804-814

Bothwell, P

Assessing the exposure of the built environment to potential ignition sources generated from vegetative fuel

**2010**, 19(3), 299-313

Bouanane, F

Alternative equations to estimate the surface-to-volume ratio of different forest fuel particles

**2011**, 20(5), 648-656

Boulet, AK

Temporal patterns of solute loss following wildfires in Central Portugal

2005, 14(4), 401-412

Boulet, P

Spectral emission of flames from laboratory-scale vegetation fires **2009**, 18(7), 875-884

Bourgeau-Chavez, LL

Mapping the Location of Wildfires in Alaskan Boreal Forests Using AVHRR Imagery **1995**, 5(2), 55-62

Bourgeau-Chavez, LL Evaluation of ERS SAR data for prediction of fire danger in a

Boreal region 1999, 9(3), 183-194

Bourgeau-Chavez, LL

Development of calibration algorithms for selected water content reflectometry probes for burned and non-burned organic soils of Alaska

2010, 19(7), 961-975

Bourkas, PD

A model for calculating the temperature of aluminium particles ejected from overhead low-voltage lines owing to a short-circuit

**2009**, 18(6), 722-726

Boutin, S

Road network density correlated with increased lightning fire incidence in the Canadian western boreal forest 2009, 18(8), 970-982

Prediction and measurement of thermally induced cambial tissue necrosis in tree stems 2006, 15(1), 3-17

Bova, AS

An inverse method to estimate stem surface heat flux in wildland fires 2009, 18(6), 711-721

Bovio, G

Land Zoning Based on Fire **1997**, 7(3), 249-258

Bovio, G

Comparative study of various methods of fire danger evaluation in southern Europe 1999, 9(4), 235-246

Bovio, G

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy **2009**, 18(6), 727-735

Living with fire: homeowner assessment of landscape values and defensible space in Minnesota and Florida, USA 2004, 13(4), 413-425

Bowman, DMJS

Experimental comparison of four remote sensing techniques to map tropical savanna firescars using Landsat-TM imagery

2003, 12(3&4), 341-348

Bowman, DMJS

Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management 2003, 12(3&4), 415-425

Bowman, DMJS

Frequency and season of fires varies with distance from settlement and grass composition in Eucalyptus miniata savannas of the Darwin region of northern Australia 2009, 18(1), 61-70

Boxall, PC

The development of fireinduced damage functions for forest recreation activity in Alberta, Canada 2010, 19(1), 63-74

Bradshaw, L

Evaluation of MM5 model resolution when applied to prediction of National Fire Danger Rating indexes **2006**, 15(2), 147-154

Bradshaw, LS

Comparisons of Particulate-**Emissions and Smoke Impacts** From Presettlement, Full Suppression, and Prescribed Natural Fire Period in the Selway-Bitterroot Wilderness **1994**, 4(3), 143-155

Bradshaw, LS

Evaluation of fire danger rating indexes using logistic regression and percentile analysis 2003, 12(2), 213-226

Bradshaw, LS

Application of the Nelson model to four timelag fuel classes using Oklahoma field observations: model evaluation and comparison with National Fire Danger Rating System algorithms 2007, 16(2), 204-216

Bradshaw, RHW

The role of fire in southern Scandinavian forests during the late Holocene 2010, 19(8), 1040-1049

Bradstock, R

Indices of fire characteristics in sandstone heath near Sydney, Australia 1999, 9(2), 145-153

Bradstock, R

Editorial 2002, 11(1), i-i

Bradstock, RA

Fire in Semiarid, Mallee Shrublands - Size of Flames From Discrete Fuel Arrays and Their Role in the Spread of Fire **1993**, 3(1), 3-12

Bradstock, RA

Theoretical fire-interval distributions 2001, 10(1), 73-77

Bradstock, RA

Remote sensing of fire severity in the Blue Mountains: influence of vegetation type and inferring fire intensity **2006**, 15(2), 213-226

Bradstock, RA

Simulation of prescribed burning strategies in south-west Tasmania, Australia: effects on unplanned fires, fire regimes, and ecological management values

2006, 15(4), 527-540

Bradstock, RA

Large fires and their ecological consequences: introduction to the special issue 2008, 17(6), 685-687

Bradstock, RA

Effects of large fires on biodiversity in south-eastern Australia: disaster or template for diversity?

**2008**, 17(6), 809-822

Bradstock, RA

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape-fire-succession models 2009, 18(2), 147-156

Bradstock, RA

Prediction of the probability of large fires in the Sydney region of south-eastern Australia using fire weather **2009**, 18(8), 932-943

Bradstock, RA

The effect of fuel age on the spread of fire in sclerophyll forest in the Sydney region of Australia 2010, 19(1), 35-45

Bradstock, RA

The initiation of fire spread in shrubland fuels recreated in the laboratory **2010**, 19(4), 512-520

Bradstock, RA

Quantifying the influence of fuel age and weather on the annual extent of unplanned fires in the Sydney region of Australia 2011, 20(1), 142-151

Bradstock, RA

Prescribed burning: how can it work to conserve the things we value?

**2011**, 20(6), 721-733

Bradstock, RA

Bayes Nets as a method for analysing the influence of management actions in fire planning **2011**, 20(8), 909-920

Characterizing and mapping fuels for Malaysia and western Indonesia

2004, 13(3), 323-334

Bramer, DJ

A Synoptic Climatology for Forest-Fires in the NE US and Future Implications From GCM Simulations

**1994**, 4(4), 217-224

#### Brandis, K

Estimation of vegetative fuel loads using Landsat TM imagery in New South Wales, Australia **2003**, *12*(2), 185-194

#### Brauer, M

The validity and utility of MODIS data for simple estimation of area burned and aerosols emitted by wildfire events

2010, 19(7), 844-852

#### Braun, CC

Effect of fire shelters on perceived fire danger: implications for risk compensation **2005**, *14*(3), 297-306

#### Bravo, S

Fire regime of a *Elionorus* muticus Spreng. savanna, western Chaco region, Argentina **2001**, 10(1), 65-72

### Bravo, VA

Spatial models for estimating fuel loads in the Black Hills, South Dakota, USA **2004**, *13*(1), 119-129

### Bremond, L

Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata

**2010**, 19(8), 1015-1025

### Brenkert-Smith, H

Building bridges to fight fire: the role of informal social interactions in six Colorado wildland—urban interface communities

**2010**, 19(6), 689-697

# Brennan, TJ

Factors affecting fuel break effectiveness in the control of large fires on the Los Padres National Forest, California **2011**, 20(6), 764-775

### Brenner, G

Prediction of delayed mortality of fire-damaged ponderosa pine following prescribed fires in eastern Oregon, USA **2006**, *15*(1), 19-29

### Brenner, J

Southern Oscillation Anomalies and Their Relationship to Wildfire Activity in Florida **1991**, *I*(1), 73-78

# Brewer, S

Relationships between prescribed burning and wildfire occurrence and intensity in pine–hardwood forests in north Mississippi, USA 2006, 15(2), 203-211

# Bridges, WC

Fuel characterization in the southern Appalachian Mountains: an application of Landscape Ecosystem Classification **2009**, *18*(4), 423-429

#### Briles, C

Long-term relations among fire, fuel, and climate in the north-western US based on lake-sediment studies **2008**, *17*(1), 72-83

### Brillinger, DR

Probability based models for estimation of wildfire risk **2004**, *13*(2), 133-142

### Briones, O

Effect of heat shock on germination of 23 plant species in pine—oak and montane cloud forests in western Mexico **2010**, *19*(6), *759-773* 

#### Brock, JT

Water quality, substratum and biotic responses of five central Idaho (USA) streams during the first year following the Mortar Creek fire

2001, 10(2), 185-199

### Brock, JT

Benthic macroinvertebrate assemblages in five central Idaho (USA) streams over a 10-year period following disturbance by wildfire **2001**, *10*(2), 201-213

#### Brockett, BH

A patch mosaic burning system for conservation areas in southern African savannas **2001**, *10*(2), 169-183

## Brocklehurst, P

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications **2009**, *18*(1), 1-18

### Broncano, MJ

Topography and forest composition affecting the variability in fire severity and post-fire regeneration occurring after a large fire in the Mediterranean basin **2004**, *13*(2), 209-216

### Broncano, MJ

Post-dispersal seed predation in *Pinus halepensis* and consequences on seedling establishment after fire **2008**, *17*(3), 407-414

### Brotherhood, JR

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools 1997, 7(2), 105-118

#### Brotherhood, JR

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires 1997, 7(2), 119-131

#### Brotherhood, JR

Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires 1997, 7(2), 133-144

#### Brotherhood, JR

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland Fires 1997, 7(2), 145-158

## Brotherhood, JR

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 159-166

#### Brotherhood, JR

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 167-180

### Brotherhood, JR

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 181-199

### Brotherhood, JR

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing 1997, 7(2), 201-206

### Brotherhood, JR

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing 1997, 7(2), 207-218

### Brotherhood, JR

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer Bushfires With Hand Tools: Background, Objectives, and Methods 1997, 7(2), 69-76

### Brotherhood, JR

Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe 1997, 7(2), 77-85

# Brotherhood, JR

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest 1997, 7(2), 87-98

#### Brotherhood, JR

Project Aquarius 4. Experimental Bushfires, Suppression Procedures, and Measurements **1997**, 7(2), 99-104

#### Brotherhood, JR

Corrigendum to: Stress, strain, and productivity in men suppressing wildland fires with hand tools. International Journal of Wildland Fire, 7(2) (June 1997), pp. 69–218. Special Issue: 'Project Aquarius. Stress, strain and productivity in wildland firefighters' **2004**, *13*(3), 387-390

#### Brovkin, V

Strategy for a Fire Module in Dynamic Global Vegetation Models 1999, 9(1), 79-84

# Brown, CD

How does increased fire frequency affect carbon loss from fire? A case study in the northern boreal forest **2011**, *20*(7), 829-837

### Brown, D

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia **2009**, *18*(1), 84-95

#### Brown, JK

Comparisons of Particulate-Emissions and Smoke Impacts From Presettlement, Full Suppression, and Prescribed Natural Fire Period in the Selway-Bitterroot Wilderness 1994, 4(3), 143-155

### Brown, JK

Comparing the Prescribed Natural Fire Program With Presettlement Fires in the Selway-Bitterroot Wilderness 1994, 4(3), 157-168

### Brown, JK

Calibration of a Large Fuel Burnout Model **1995**, *5*(3), 173-192

### Brown, JK

Modeling fire effects **2001**, *10*(3&4), 373-380

# Brown, NAC

Seed Germination in the Fynbos Fire Ephemeral, Syncarpha vestita (L) B-Nord Is Promoted by Smoke, Aqueous Extracts of Smoke and Charred Wood Derived From Burning the Ericoid-Leaved Shrub, Passerina vulgaris Thoday 1993, 3(4), 203-206

# Brown, PM

Fire History in Interior Ponderosa Pine Communities of the Black Hills, South Dakota, USA

**1996**, *6*(3), 97-105

# Brown, PM

Climate effects on historical fires (1630–1900) in Utah **2008**, *17*(1), 28-39

#### Brown, PM

Fire and stand history in two limber pine (*Pinus flexilis*) and Rocky Mountain bristlecone pine (*Pinus aristata*) stands in Colorado

2008, 17(3), 339-347

### Brown, PM

Comparing selected fire regime condition class (FRCC) and LANDFIRvegetation model results with tree-ring data **2010**, *19*(1), 1-13

#### Brown, RE

Evaluating the effectiveness of contour-felled log erosion barriers as a post-fire runoff and erosion mitigation treatment in the western United States **2008**, *17*(2), 255-273

#### Brown, TJ

Preface to 'Fire and Forest Meteorology' **2002**, *11*(3&4), v-v

#### Brown, TJ

Evaluation of the Experimental Climate Prediction Center's fire danger forecasts with remote automated weather station observations **2005**, *14*(2), 19-36

Brown, TJ

Preface to 'Fire and Forest Meteorology' **2005**, *14*(2), iii-iii

#### Brown, TJ

Preface to 'Fire and Forest Meteorology' **2007**, *16*(2), iii-iii

### Brown, TJ

Beyond wildfire: perspectives of climate, managed fire and policy in the USA **2010**, *19*(3), 364-373

### Broza, M

Post-Fire Arthropod Assemblages in Mediterranean Forest Soils in Israel **1997**, 7(4), 317-325

## Brummel, RF

Interpreting federal policy at the local level: the wildland–urban interface concept in wildfire protection planning in the eastern United States **2009**, *18*(3), 278-289

### Brummel, RF

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

### Brunelle, A

Long-term relations among fire, fuel, and climate in the north-western US based on lake-sediment studies **2008**, *17*(1), 72-83

### Bryant, R

Effect of oxygen deprivation on soil hydrophobicity during heating

**2005**, *14*(4), 449-455

#### Bryce, RW

A Computer Algorithm for Simulating the Spread of Wildland Fire Perimeters for Heterogeneous Fuel and Meteorological Conditions **1995**, 5(2), 73-79

#### Ru F

Long-term forest landscape responses to fire exclusion in the Great Xing'an Mountains, China

2007, 16(1), 34-44

#### Budd, GM

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools **1997**, 7(2), 105-118

#### Budd, GM

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires 1997, 7(2), 119-131

#### Budd, GM

Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires **1997**, 7(2), 133-144

# Budd, GM

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland Fires 1997, 7(2), 145-158

### Budd, GM

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 159-166

### Budd, GM

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 167-180

### Budd, GM

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 181-199

### Budd, GM

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing 1997, 7(2), 201-206

### Budd, GM

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing 1997, 7(2), 207-218

#### Budd, GM

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer Bushfires With Hand Tools: Background, Objectives, and Methods

**1997**, 7(2), 69-76

#### Budd, GM

Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe 1997, 7(2), 77-85

# Budd, GM

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest 1997, 7(2), 87-98

#### Budd, GM

Project Aquarius 4. Experimental Bushfires, Suppression Procedures, and Measurements 1997, 7(2), 99-104

#### Budd, GM

Corrigendum to: Stress, strain, and productivity in men suppressing wildland fires with hand tools. International Journal of Wildland Fire, 7(2) (June 1997), pp. 69–218. Special Issue: 'Project Aquarius. Stress, strain and productivity in wildland firefighters' 2004, 13(3), 387-390

### Bugmann, H

Environmental determinants of lightning- v. human-induced forest fire ignitions differ in a temperate mountain region of Switzerland

2010, 19(5), 541-557

### Bujak, A

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

### Bunnell, DL

Fire and land management planning and implementation across multiple scales **2001**, *10*(3&4), 389-403

### Bunting, SC

Postfire Defoliation Response of Agropyron spicatum and Sitanion hystrix 1994, 4(2), 77-82

## Bunting, SC

Length and Timing of Grazing on Postburn Productivity of Two Bunchgrasses in an Idaho Experimental Range 1998, 8(1), 15-20

# Bunting, SC

Relationships between landscape patterns and fire occurrence within a successional gradient in sagebrush steppe–juniper woodland

**2011**, 20(1), 69-77

# Bunyavejchewin, S

The impacts of large-scale, low-intensity fires on the forests of continental South-east Asia **2008**, *17*(6), 782-792

### Burgan, R

Influence of Sample Processing Techniques and Seasonal Variation on Quantities of Volatile Compounds of Gallberry, Saw-Palmetto, and Wax Myrtle
1991, 1(1), 57-62

#### Burgan, R

Fuel Models and Fire Potential From Satellite and Surface Observations 1998, 8(3), 159-170

### Burgan, R

Mapping wildland fuels for fire management across multiple scales: Integrating remote sensing, GIS, and biophysical modeling

**2001**, 10(3&4), 301-319

#### Burgan, R

Seasonal fire danger forecasts for the USA **2005**, *14*(2), 1-18

### Burgan, RE

The Oklahoma Fire Danger Model: An operational tool for mesoscale fire danger rating in Oklahoma **2002**, *11*(3&4), 183-191

### Burgan, RE

Assessing forest fire potential in Kalimantan Island, Indonesia, using satellite and surface weather data **2003**, *12*(2), 175-184

# Burgan, RE

Probability based models for estimation of wildfire risk **2004**, *13*(2), 133-142

## Burgan, RE

Forecasting distributions of large federal-lands fires utilizing satellite and gridded weather information **2009**, *18*(5), 508-516

### Burke, IC

Post-fire soil fluxes of CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O along the Colorado Front Range **2011**, 20(7), 838-846

## Burkholder, BJ

The validity and utility of MODIS data for simple estimation of area burned and aerosols emitted by wildfire events

**2010**, 19(7), 844-852

# Burns, S

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

# Burrows, ND

Patch-Burning Desert Nature Reserves in Western Australia Using Aircraft 1991, 1(1), 49-55 Burrows, ND

Flame residence times and rates of weight loss of eucalypt forest fuel particles

**2001**, 10(2), 137-143

Burton, PJ

Large fires as agents of ecological diversity in the North American boreal forest **2008**, *17*(6), 754-767

Busse, MD

Lethal soil temperatures during burning of masticated forest residues

2005, 14(3), 267-276

Busse, MD

Behaviour and effects of prescribed fire in masticated fuelbeds

2011, 20(8), 932-945

Butcher, G

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat **2009**, *18*(8), 1010-1020

Butler, BW

Firefighter Safety Zones: A Theoretical Model Based on Radiative Heating 1998, 8(2), 73-77

Butler, BW

Fire shelter performance in simulated wildfires: an exploratory study **2001**, *10*(1), 29-44

Butler, BW

Prediction and measurement of thermally induced cambial tissue necrosis in tree stems **2006**, *15*(1), 3-17

Butler, BW

Predicting the ignition of crown fuels above a spreading surface fire. Part I: model idealization **2006**, *15*(1), 47-60

Butler, BW

Predicting the ignition of crown fuels above a spreading surface fire. Part II: model evaluation **2006**, *15*(1), 61-72

Butler, BW

Flame interactions and burning characteristics of two live leaf samples

**2009**, 18(7), 865-874

Butler, BW

Experimental measurements during combustion of moist individual foliage samples **2010**, *19*(2), 153-162

Butler BW

Convective heat transfer in fire spread through fine fuel beds **2010**, *19*(3), 284-298

Butler, D

The influence of wildfire extent and severity on streamwater chemistry, sediment and temperature following the Hayman Fire, Colorado **2011**, 20(3), 430-442

Butry, D

The wildland–urban interface fire problem – current approaches and research needs **2010**, 19(2), 238-251

Butry, DT

Spatio-temporal analysis of wildfire ignitions in the St Johns River Water Management District, Florida **2006**, *15*(1), 87-97

Butry, DT

Economic optimisation of wildfire intervention activities **2010**, *19*(5), 659-672

Butz, R.

Traditional fire management: historical fire regimes and land use change in pastoral East Africa 2009, 18(4), 442-450

Cain, MD

A 10-Year Evaluation of Prescribed Winter Burns in Uneven-Aged Stands of *Pinus-Taeda* L and *P. Echinata* Mill -Woody Understorey Vegetation Response

**1993**, *3*(1), 13-20

Cain, MD

Viability of Litter-Stored Quercus falcata Michx. Acorns After Simulated Prescribed Winter Burns 1998, 8(4), 199-203

Calera, A

Application of remote sensing and GIS to locate priority intervention areas after wildland fires in Mediterranean systems: a case study from south-eastern Spain

**2004**, 13(3), 241-252

Calkin, DE

Factors influencing large wildland fire suppression expenditures **2008**, *17*(5), 650-659

Calkin, DE

Built structure identification in wildland fire decision support **2011**, *20*(1), 78-90

Calkin, DE

Accommodating non-market values in evaluation of wildfire management in the United States: challenges and opportunities **2011**, *20*(3), 327-339

Call. CA

Effects of targeted cattle grazing on fire behavior of cheatgrass-dominated rangeland in the northern Great Basin, USA

**2009**, 18(8), 944-950

Call, PT

Aerial and Surface Fuel Consumption in Crown Fires 1997, 7(3), 259-264

Calvo I

Regeneration in *Quercus Pyrenaica* Ecosystems After Surface Fires **1991**, *1*(4), 205-210

Calvo, L

Influence of tree age on seed germination response to environmental factors and inhibitory substances in *Pinus pinaster* 

**2005**, 14(3), 277-284

Calvo, L

Effect of high temperatures on seed germination and seedling survival in three pine species (*Pinus pinaster*, *P. sylvestris* and *P. nigra*)

**2007**, 16(1), 63-70

Camia, A

Land Zoning Based on Fire History **1997**, *7*(3), 249-258

Campar de Almeida, A
Regional forest-fire
susceptibility analysis in central
Portugal using a probabilistic
ratings procedure and artificial
neural network weights

**2011**, 20(6), 776-791

assignment

Campbell, J

Implementation of mid-scale fire regime condition class mapping

**2008**, 17(3), 390-406

Campobello, D

Great tit (*Parus major*) breeding in fire-prone oak woods: differential effects of post-fire conditions on reproductive stages **2011**, 20(4), 605-611

Cannac, M

Volatile and semi-volatile organic compounds in smoke exposure of firefighters during prescribed burning in the Mediterranean region **2010**, *19*(5), 606-612

Cannac, M

Emission of biogenic volatile organic compounds involved in eruptive fire: implications for the safety of firefighters **2011**, 20(1), 152-161

Cannell, CE

Mixmaster exposure to dust during mixing of wildland fire retardant chemicals **2002**, 11(1), 65-73

Caraglio, Y

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

Caratti, JF

FFI: a software tool for ecological monitoring **2009**, *18*(3), 310-314

Caratti, JF

A surface fuel classification for estimating fire effects **2009**, *18*(7), 802-814

Carcaillet, C

Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata

**2010**, 19(8), 1015-1025

Carcaillet, C

Resilience of the boreal forest in response to Holocene firefrequency changes assessed by pollen diversity and population dynamics **2010**, *19*(8), 1026-1039

Carcaillet, C

Will climate change drive 21st century burn rates in Canadian boreal forest outside of its natural variability: collating global climate model experiments with sedimentary charcoal data **2010**, 19(8), 1127-1139

Cardille, JA

Occurrence of wildfire in the northern Great Lakes Region: Effects of land cover and land ownership assessed at multiple scales

2001, 10(2), 145-154

Carlson, DH

Impacts of wildfire on soil hydrological properties of steep sagebrush-steppe rangeland **2002**, *11*(2), 145-151

Carlson, JD

The Oklahoma Fire Danger Model: An operational tool for mesoscale fire danger rating in Oklahoma **2002**, *11*(3&4), 183-191

Carlson, JD

Application of the Nelson model to four timelag fuel classes using Oklahoma field observations: model evaluation and comparison with National Fire Danger Rating System algorithms

2007, 16(2), 204-216

Carlson, JM

Modelling long-term fire regimes of southern California shrublands **2011**, *20*(1), 1-16

Carmel Y

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel **2010**, *19*(1), 75-93

Carni, A

Long-term post-fire succession of *Pinus brutia* forest in the east Mediterranean **2010**, 19(5), 599-605

Carr, RJ

First year survival of *Pinus hartwegii* following prescribed burns at different intensities and different seasons in central Mexico **2007**, *16*(1), 54-62

Carrega, P

A Meteorological Index of Forest Fire Hazard in Mediterranean France **1991**, 1(2), 79-86

Carrega, P

Instantaneous and Automatic Identification of Weather Types for a Forest Fire Decision Support System **1997**, 7(3), 265-274

#### Carreiras, JMB

Structural-Properties and Dimensional Relations of Some Mediterranean Shrub Fuels **1995**, 5(1), 35-42

#### Carroll, MS

Adoption and perceptions of shelter-in-place in California's Rancho Santa Fe Fire Protection District 2010, 19(6), 677-688

### Cartalis, C

Temporal simulation of diurnal temperature and relative humidity evolution at a forested mountainous site in Attica, Greece **2002**, 11(2), 95-106

#### Carter, E

Internal-Combustion Engine Performance in the Fireground 1994, 4(2), 83-91

#### Carthew, S

Post-fire ephemerals and spinifex-fuelled fires: a decision model for bilby habitat management in the Tanami Desert, Australia 2007, 16(6), 741-754

### Carvalho Jr, JA

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire 2010, 19(6), 795-799

### Carvalho, A

Fire activity in Portugal and its relationship to weather and the Canadian Fire Weather Index System

2008, 17(3), 328-338

### Carvalho, A

Regional-scale weather patterns and wildland fires in central Portugal **2009**, 18(1), 36-49

Carvalho, EO

Fire ignition patterns affect production of charcoal in southern forests 2011, 20(3), 474-477

Cary, GJ

Using simulation to map fire regimes: an evaluation of approaches, strategies, and limitations 2003, 12(3&4), 309-322

Cary, GJ

Simulation of prescribed burning strategies in south-west Tasmania, Australia: effects on unplanned fires, fire regimes, and ecological management values

2006, 15(4), 527-540

### Cary, GJ

The relative importance of finescale fuel mosaics on reducing fire risk in south-west Tasmania, Australia 2008, 17(3), 421-430

#### Cary, GJ

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape-fire-succession models

2009, 18(2), 147-156

Cary, GJ

The effect of fire on birds of mulga woodland in arid central Australia

2010, 19(7), 949-960

#### Cary, GJ

Fire and carbon dynamics under climate change in south-eastern Australia: insights from FullCAM and FIRESCAPE modelling 2011, 20(4), 563-577

#### Cary, GJ

Prescribed burning: how can it work to conserve the things we value?

2011, 20(6), 721-733

### Casady, GM

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel **2010**, 19(1), 75-93

### Casal, M

Influence of heat and smoke treatments on the germination of six leguminous shrubby species

**2006**, 15(1), 73-80

# Caselles, V

Fire danger estimation from MODIS Enhanced Vegetation Index data: application to Galicia region (north-west Spain)

**2011**, 20(3), 465-473

### Castaldi, S

Post-fire stimulation of soil biogenic emission of CO2 in a sandy soil of a Mediterranean shrubland 2007, 16(5), 573-583

Castaldi, S

Soil N2O emissions in a Mediterranean shrubland disturbed by experimental fires 2011, 20(7), 847-855

#### Castaño, S

Application of remote sensing and GIS to locate priority intervention areas after wildland fires in Mediterranean systems: a case study from south-eastern Spain

**2004**, *13*(3), 241-252

### Castellnou, M

Effects of prescribed fire on soil quality in Mediterranean grassland (Prades Mountains, north-east Spain) 2005, 14(4), 379-384

Castro Rego, FC

# Modelling the effects of distance on the probability of fire detection from lookouts

2006, 15(2), 197-202

#### Castro-Solis, UB

First year survival of Pinus hartwegii following prescribed burns at different intensities and different seasons in central Mexico

**2007**, 16(1), 54-62

#### Catchpole, EA

Modelling Moisture Damping for Fire Spread in a Mixture of Live and Dead Fuels **1991**, 1(2), 101-106

### Catchpole, EA

Estimating Fuel Moisture Response Times From Field Observations **1991**, 1(4), 211-214

### Catchpole, EA

Fire Behavior Experiments in Mixed Fuel Complexes **1993**, 3(1), 45-57

### Catchpole, EA

Estimating fuel response time and predicting fuel moisture content from field data 2001, 10(2), 215-222

## Catchpole, EA

Convective heat transfer in fire spread through fine fuel beds **2010**, 19(3), 284-298

## Catchpole, WR

Modelling Moisture Damping for Fire Spread in a Mixture of Live and Dead Fuels **1991**, 1(2), 101-106

# Catchpole, WR

The Influence of Fuel, Weather and Fire Shape Variables on Fire-Spread in Grasslands **1993**, 3(1), 31-44

# Catchpole, WR

Fire Behavior Experiments in Mixed Fuel Complexes **1993**, 3(1), 45-57

Catchpole, WR

Fire Behaviour Modelling in Tasmanian Buttongrass Moorlands, I. Fuel Characteristics **1995**, 5(4), 203-214

#### Catchpole, WR

Fire Behaviour Modelling in Tasmanian Buttongrass Moorlands. II. Fire Behaviour **1995**, 5(4), 215-228

### Catchpole, WR

Prediction of Fire Spread in Grasslands **1998**, 8(1), 1-13

#### Catchpole, WR

Estimating fuel response time and predicting fuel moisture content from field data **2001**, 10(2), 215-222

## Catchpole, WR

Fire modelling in Tasmanian buttongrass moorlands. III. Dead fuel moisture 2001, 10(2), 241-253

#### Catchpole, WR

Fire modelling in Tasmanian buttongrass moorlands. IV. Sustaining versus nonsustaining fires **2001**, 10(2), 255-262

### Catling, PC

Fire Planning for Wildlife Management - a Decision-Support System for Nadgee-Nature-Reserve, Australia **1994**, 4(2), 107-121

### Catling, PC

Fire Planning for Wildlife Management: A Reply to Whelan and Baker (1996). **1996**, 6(1), 3-4

# Catry, F

Regional variations in wildfire susceptibility of land-cover types in Portugal: implications for landscape management to minimize fire hazard 2009, 18(5), 563-574

### Catry, FX

Modelling the effects of distance on the probability of fire detection from lookouts 2006, 15(2), 197-202

### Catry, FX

Modeling and mapping wildfire ignition risk in Portugal **2009**, 18(8), 921-931

### Cavallero, A

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy **2009**, 18(6), 727-735

# Cavieres, LA

Litter burning does not equally affect seedling emergence of native and alien species of the Mediterranean-type Chilean matorral 2009, 18(2), 213-221

Cayan, DR

Long lead statistical forecasts of area burned in western U.S. wildfires by ecosystem province **2002**, 11(3&4), 257-266

#### Ceccato, R

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy 2009, 18(6), 727-735

#### Cecilia Arienti, MC

Road network density correlated with increased lightning fire incidence in the Canadian western boreal forest 2009, 18(8), 970-982

#### Cerdá, A

Fire effects on soil system functioning: new insights and future challenges 2005, 14(4), 339-342

Influence of vegetation recovery on soil hydrology and erodibility following fire: an 11-year investigation 2005, 14(4), 423-437

Postfire Effects on Soil Properties and Nutrient Losses **1996**, 6(2), 53-58

### Cesaraccio, C

Relationships between seasonal patterns of live fuel moisture and meteorological drought indices for Mediterranean shrubland species **2007**, 16(2), 232-241

The post-fire measurement of fire severity and intensity in the Christmas 2001 Sydney wildfires

2004, 13(2), 227-240

## Chambers, JC

Influence of a native legume on soil N and plant response following prescribed fire in sagebrush steppe 2009, 18(6), 665-675

# Chambers, JC

Abiotic and biotic influences on Bromus tectorum invasion and Artemisia tridentata recovery after fire

2011, 20(4), 597-604

# Champ, PA

The economic cost of adverse health effectsfrom wildfiresmoke exposure: a review 2010, 19(7), 803-817

# Chang, C-H

A critical assessment of the Burning Index in Los Angeles County, California 2007, 16(4), 473-483

# Chang, Y

Long-term forest landscape responses to fire exclusion in the Great Xing'an Mountains, China

2007, 16(1), 34-44

#### Chapman, J

Simulation of prescribed burning strategies in south-west Tasmania, Australia: effects on unplanned fires, fire regimes, and ecological management values

2006, 15(4), 527-540

# Chapman, J

The relative importance of finescale fuel mosaics on reducing fire risk in south-west Tasmania, Australia 2008, 17(3), 421-430

#### Charney, JJ

The importance of fireatmosphere coupling and boundary-layer turbulence to wildfire spread **2009**, 18(1), 50-60

### Charney, JJ

Mesoscale model simulation of the meteorological conditions during the 2 June 2002 Double Trouble State Park wildfirE 2010, 19(4), 427-448

#### Charney, JJ

A North American regional reanalysis climatology of the Haines Index

**2011**, 20(1), 91-103

Relating Burning Index to Wildfire Workload Over Broad Geographic Areas **1991**, 1(4), 235-238

## Chase, R

Modeling Wildland Fire Containment With Uncertain Flame Length and Fireline Width

# 1993, 3(3), 179-185

Assessing the susceptibility of semiarid rangelands to wildfires using Terra MODIS and Landsat Thematic Mapper data 2011, 20(5), 690-701

Seasonal fire danger forecasts for the USA 2005, 14(2), 1-18

### Chen, S

NCEP-ECPC monthly to seasonal US fire danger forecasts 2010, 19(4), 399-414

### Chen, SC

Medium-range fire weather forecasts **1991**, 1(3), 159-176

Wildland fire probabilities estimated from weather modeldeduced monthly mean fire danger indices

**2008**, 17(3), 305-316

# Cheney, NP

The Influence of Fuel, Weather and Fire Shape Variables on Fire-Spread in Grasslands 1993, 3(1), 31-44

# Cheney, NP

Fire Growth in Grassland Fuels **1995**, 5(4), 237-247

#### Cheney, NP

Fire Growth and Acceleration **1997**, 7(1), 1-5

### Cheney, NP

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools **1997**, 7(2), 105-118

### Cheney, NP

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires **1997**, 7(2), 119-131

### Cheney, NP

Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires **1997**, 7(2), 133-144

### Cheney, NP

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland Fires **1997**, 7(2), 145-158

### Cheney, NP

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 159-166

### Cheney, NP

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 167-180

### Cheney, NP

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 181-199

### Cheney, NP

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing **1997**, 7(2), 201-206

# Cheney, NP

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing **1997**, 7(2), 207-218

# Cheney, NP

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer **Bushfires With Hand Tools:** Background, Objectives, and Methods **1997**, 7(2), 69-76

Cheney, NP

Cheney, NP

Rakehoe

Cheney, NP

Project Aquarius 4. Experimental Bushfires, Suppression Procedures, and Measurements **1997**, 7(2), 99-104

Project Aquarius 2. Limitations

of Maximum Oxygen Uptake

Project Aquarius 3. Effects of

Energy Expenditure, and

Physiological Responses of

Men Building Fireline With a

Rakehoe in Dry Eucalypt Forest

Work Rate on the Productivity,

for Predicting the Strains of

Building Fireline With a

**1997**, 7(2), 77-85

**1997**, 7(2), 87-98

## Cheney, NP

Prediction of Fire Spread in Grasslands **1998**, 8(1), 1-13

### Cheney, NP

Corrigendum to: Stress, strain, and productivity in men suppressing wildland fires with hand tools. International Journal of Wildland Fire, 7(2) (June 1997), pp. 69-218. Special Issue: 'Project Aquarius. Stress, strain and productivity in wildland firefighters' 2004, 13(3), 387-390

### Cheney, P

A physics-based approach to modelling grassland fires **2007**, 16(1), 1-22

### Cheng, AS

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

2011, 20(3), 350-363

# Chiaramonti, N

Volatile and semi-volatile organic compounds in smoke exposure of firefighters during prescribed burning in the Mediterranean region 2010, 19(5), 606-612

### Chiaramonti, N

Emission of biogenic volatile organic compounds involved in eruptive fire: implications for the safety of firefighters **2011**, 20(1), 152-161

### Chladil, M

Implementation of quantitative bushfire risk analysis in a GIS environment 2010, 19(5), 649-658

## Chladil, MA

Assessing Grassland Moisture and Biomass in Tasmania - the Application of Remote-Sensing and Empirical-Models for a Cloudy Environment **1995**, 5(3), 165-171

### Chong, GW

Establishment of non-native plant species after wildfires: effects of fuel treatments, abiotic and biotic factors, and post-fire grass seeding treatments

2006, 15(2), 271-281

#### Chou, YH

Spatial Autocorrelation Analysis and Weighting Functions in the Distribution of Wildland Fires 1992, 2(4), 169-176

#### Chou, YH

Wildland Fire Patch Dynamics in the Chaparral of Southern California and Northern Baja California

**1997**, 7(3), 221-248

#### Christie, FJ

Prescribed burning: how can it work to conserve the things we value?

2011, 20(6), 721-733

### Christopherson, G

Integrating values and risk perceptions into a decision support system

2010, 19(1), 123-136

# Chronopoulou-Sereli, A

Wildland Fire Danger Zoning a Methodology **1998**, 8(1), 37-43

### Chu, P-S

Fire-climate relationships and long-lead seasonal wildfire prediction for Hawaii 2002, 11(1), 25-31

### Chu, P-S

Natural variability of the Keetch-Byram Drought Index in the Hawaiian Islands **2009**, 18(4), 459-475

### Chung, J

Temporal and spatial characteristics of forest fires in South Korea between 1970 and

2006, 15(3), 389-396

### Chuvieco, E

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging **2007**, 16(3), 341-348

# Chuvieco, E

Estimation of dead fuel moisture content from meteorological data in Mediterranean areas Applications in fire danger assessment

2007, 16(4), 390-397

### Chuvieco, E

Prediction of fire occurrence from live fuel moisture content measurements in a Mediterranean ecosystem 2009, 18(4), 430-441

### Clancy, CG

Effects of wildfire on stream temperatures in the Bitterroot River Basin, Montana 2011, 20(2), 240-247

#### Clark, DL

Simulation of Crown Fire Effects on Canopy Seed Bank in Lodgepole Pine **1996**, 6(1), 45-49

## Clark, KL

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens 2009, 18(3), 268-277

#### Clark, MM

A sub-grid, mixture-fractionbased thermodynamic equilibrium model for gas phase combustion in FIRETEC: development and results **2010**, 19(2), 202-212

A Coupled Atmosphere-Fire Model: Role of the Convective Froude Number and Dynamic Fingering at the Fireline 1996, 6(4), 177-190

#### Clark, TL

Description of a coupled atmosphere-fire model 2004, 13(1), 49-63

### Clarke, HG

Regional signatures of future fire weather over eastern Australia from global climate models

2011, 20(4), 550-562

### Clarke, PJ

Resprouting responses of Acacia shrubs in the Western Desert of Australia - fire severity, interval and season influence survival 2007, 16(3), 317-323

### Clayton, MK

Predicting spatial patterns of fire on a southern California landscape

2008, 17(5), 602-613

### Cleary, TG

Ignition of mulch and grasses by firebrands in wildland-urban interface fires

2006, 15(3), 427-431

### Cleland, DT

Human and biophysical factors influencing modern fire disturbance in northern Wisconsin 2007, 16(4), 398-413

# Clemente, AS

Demographic Patterns and Productivity of Post-Fire Regeneration in Portuguese Mediterranean Maquis **1996**, 6(1), 5-12

### Clements, CB

In situ measurements of water vapor, heat, and CO2 fluxes within a prescribed grass fire **2006**, 15(3), 299-306

### Clements, CB

Thermodynamic structure of a grass fire plume

**2010**, 19(7), 895-902

#### Clerc, JP

Spectral emission of flames from laboratory-scale vegetation fires 2009, 18(7), 875-884

### Cocke, AE

Comparison of burn severity assessments using Differenced Normalized Burn Ratio and ground data 2005, 14(2), 189-198

#### Coelho, CDA

Wildfire Impacts on Soil-Erosion and Hydrology in Wet Mediterranean Forest, Portugal **1993**, 3(2), 95-110

### Coelho, COA

Temporal patterns of solute loss following wildfires in Central 2005, 14(4), 401-412

Description of a coupled atmosphere-fire model **2004**, 13(1), 49-63

#### Coen, J

Generation of synthetic infrared remote-sensing scenes of wildland fire 2009, 18(3), 302-309

### Coen. IL.

A Coupled Atmosphere-Fire Model: Role of the Convective Froude Number and Dynamic Fingering at the Fireline **1996**, 6(4), 177-190

# Coen, JL

Simulation of the Big Elk Fire using coupled atmosphere-fire modeling

2005, 14(2), 49-59

Analysis of Experimental Simulation of Ground Surface Heating During a Prescribed **1991**, 1(2), 125-146

### Cohen, JD

Firefighter Safety Zones: A Theoretical Model Based on Radiative Heating **1998**, 8(2), 73-77

## Cohen, JD

An examination of fire spread thresholds in discontinuous fuel

2010, 19(2), 163-170

# Cohen, JD

An examination of flame shape related to convection heat transfer in deep-fuel beds 2010, 19(2), 171-178

#### Cohn, JS

Prediction of the probability of large fires in the Sydney region of south-eastern Australia using fire weather 2009, 18(8), 932-943

#### Cole, J

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens 2009, 18(3), 268-277

### Cole, WJ

The effects of wind on the flame characteristics of individual leaves 2011, 20(5), 657-667

#### Coleman, J

A Fire Perimeter Expansion Algorithm-Based on Huygens Wavelet Propagation **1993**, 3(2), 73-84

#### Collin, A

Spectral emission of flames from laboratory-scale vegetation fires 2009, 18(7), 875-884

#### Colman, JJ

Studying wildfire behavior using FIRETEC 2002, 11(3&4), 233-246

### Colman, JJ

Modeling interactions between fire and atmosphere in discrete element fuel beds **2005**, 14(2), 37-48

# Colman, JJ

Coupled influences of topography and wind on wildland fire behaviour 2007, 16(2), 183-195

### Colman, JJ

Separating combustion from pyrolysis in HIGRAD/FIRETEC 2007, 16(4), 493-502

## Colquhoun, JR

The Sydney Australia Wildfires of January 1994 -Meteorological Conditions and High Resolution Numerical Modeling Experiments **1996**, 6(3), 145-154

# Comrie, AC

Interactions between antecedent climate and wildfire variability across south-eastern Arizona 2004, 13(4), 455-466

# Conard, S

Obituary: Andi Lavender Koonce, 1951-2010 2010, 19(7), iii-iii

### Conard, SG

Modeling Tree Mortality Following Wildfire in Pinus ponderosa Forests in the Central Sierra-Nevada of California **1993**, 3(3), 139-148

#### Conard, SG

Changing fuel management strategies - The challenge of meeting new information and analysis needs

**2001**, 10(3&4), 267-275

#### Condon, L

Abiotic and biotic influences on *Bromus tectorum* invasion and *Artemisia tridentata* recovery after fire **2011**, 20(4), 597-604

#### Conedera, M

Environmental determinants of lightning- v. human-induced forest fire ignitions differ in a temperate mountain region of Switzerland

2010, 19(5), 541-557

### Congalton, RG

Accuracy assessment and validation of remotely sensed and other spatial information **2001**, *10*(3&4), 321-328

#### Conner, JCR

Assessing the exposure of the built environment to potential ignition sources generated from vegetative fuel **2010**, *19*(3), 299-313

#### Consalvi, JL

Spectral emission of flames from laboratory-scale vegetation fires **2009**, *18*(7), 875-884

### Cook, GD

Contemporary fire regimes of northern Australia, 1997–2001: change since Aboriginal occupancy, challenges for sustainable management **2003**, *12*(3&4), 283-297

### Cook, GD

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications **2009**, 18(1), 1-18

### Cooke, P

Contemporary fire regimes of northern Australia, 1997–2001: change since Aboriginal occupancy, challenges for sustainable management **2003**, *12*(3&4), 283-297

### Cooke, P

Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management **2003**, *12*(3&4), 415-425

### Cooke, WH

Spatial and temporal characteristics of wildfires in Mississippi, USA **2010**, *19*(1), 14-28

## Cooley, HC

Fuel loads, fire regimes, and post-fire fuel dynamics in Florida Keys pine forests **2006**, *15*(4), 463-478

# Coops, NC

The transferability of a dNBR-derived model to predict burn severity across 10 wildland fires in western Canada **2011**, 20(4), 518-531

#### Correia, OA

Demographic Patterns and Productivity of Post-Fire Regeneration in Portuguese Mediterranean Maquis **1996**, *6*(1), 5-12

#### Costa, JJ

On the Temperature Distribution Inside a Tree Under Fire Conditions **1991**, *I*(2), 87-96

### Costin, BP

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools 1997, 7(2), 105-118

#### Costin, BP

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires 1997, 7(2), 119-131

### Costin, BP

Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires **1997**, 7(2), 133-144

### Costin, BP

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland Fires 1997, 7(2), 145-158

### Costin, BP

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 159-166

# Costin, BP

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 167-180

### Costin, BP

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 181-199

### Costin, BP

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing 1997, 7(2), 201-206

#### Costin, BP

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing **1997**, 7(2), 207-218

#### Costin, BP

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer Bushfires With Hand Tools: Background, Objectives, and Methods 1997, 7(2), 69-76

### Costin, BP

Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe 1997, 7(2), 77-85

### Costin, BP

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest 1997, 7(2), 87-98

#### Costin, BP

Project Aquarius 4. Experimental Bushfires, Suppression Procedures, and Measurements 1997, 7(2), 99-104

#### Cotterman, JS

Detection and growth of an Alaskan forest fire using GOES-9 3.9 µm imagery **1999**, *9*(2), 129-136

### Couto-Vázquez, A

Long-term effects of fire and three firefighting chemicals on a soil–plant system **2011**, 20(7), 856-865

### Coutts, A

Fire impacts on surface heat, moisture and carbon fluxes from a tropical savanna in northern Australia **2003**, *12*(3&4), 333-340

# Covington, WW

Double Sampling Increases the Efficiency of Forest Floor Inventories for Arizona Ponderosa Pine Forests **1994**, *4*(1), 3-10

### Covington, WW

Assessing fire regimes on Grand Canyon landscapes with fire-scar and fire-record data **2003**, *12*(2), 129-145

### Covington, WW

Fire history and stand structure of two ponderosa pine-mixed conifer sites: San Francisco Peaks, Arizona, USA **2005**, *14*(3), 307-320

# Covington, WW

Fire histories in ponderosa pine forests of Grand Canyon are well supported: reply to Baker **2006**, *15*(3), 439-445

### Covington, WW

Landscape-scale changes in canopy fuels and potential fire behaviour following ponderosa pine restoration treatments **2008**, *17*(2), 293-303

#### Covington, WW

Future climate affects management strategies for maintaining forest restoration treatments **2010**, 19(7), 903-913

#### Cowan, PD

Post-fire regeneration strategies and flammability traits of California chaparral shrubs **2010**, *19*(7), 984-989

#### Cox, JR

Influence of Canopy Removal by Burning or Clipping on Emergence of *Eragrostis lehmanniana* Seedlings **1991**, *I*(1), 35-40

# $Craggs,\,L$

A fuel treatment reduces fire severity and increases suppression efficiency in a mixed conifer forest **2007**, *16*(6), 673-678

#### Craig, R

Contemporary fire regimes of northern Australia, 1997–2001: change since Aboriginal occupancy, challenges for sustainable management **2003**, *12*(3&4), 283-297

### Craig, R

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, *16*(4), 361-377

### Cramer, W

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, *9*(1), 79-84

### Cramer, W

Spatial variation of trends in wildfire and summer drought in British Columbia, Canada, 1920–2000 **2010**, *19*(3), 272-283

# Crane, M

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia **2009**, *18*(1), 84-95

### Crews, TE

Predicting and mitigating weed invasions to restore natural post-fire succession in Mesa Verde National Park, Colorado, USA

2006, 15(2), 247-259

## Cridland, S

Application of NDVI for predicting fuel curing at landscape scales in northern Australia: can remotely sensed data help schedule fire management operations? **2003**, *12*(3&4), 299-308

#### Cridland, S

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning 2007, 16(4), 361-377

#### Crimmins, MA

Interactions between antecedent climate and wildfire variability across south-eastern Arizona 2004, 13(4), 455-466

### Cronan, JB

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA 2011, 20(2), 255-271

### Cropper, WP

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics 2009, 18(6), 676-685

### Crouse, JE

Comparison of burn severity assessments using Differenced Normalized Burn Ratio and ground data

2005, 14(2), 189-198

### Crowley, GM

Manager-based valuations of alternative fire management regimes on Cape York Peninsula, Australia 2008, 17(5), 660-673

### Cruz, A

Effects of a long-term fire retardant chemical (Fire-Trol 934) on seed viability and germination of plants growing in a burned Mediterranean area **2007**, 16(3), 349-359

## Cruz, MG

Assessing canopy fuel stratum characteristics in crown fire prone fuel types of western North America 2003, 12(1), 39-50

# Cruz, MG

Predicting the ignition of crown fuels above a spreading surface fire. Part I: model idealization 2006, 15(1), 47-60

# Cruz, MG

Predicting the ignition of crown fuels above a spreading surface fire. Part II: model evaluation 2006, 15(1), 61-72

Development of fuel models for fire behaviour prediction in maritime pine (Pinus pinaster Ait.) stands

2008, 17(2), 194-204

### Cruz, MG

Assessing crown fire potential in coniferous forests of western North America: a critique of current approaches and recent simulation studies 2010, 19(4), 377-398

Monte Carlo-based ensemble method for prediction of grassland fire spread 2010, 19(4), 521-530

#### Csiszar, I

A review of current space-based fire monitoring in Australia and the GOFC/GOLD program for international coordination 2003, 12(3&4), 247-258

#### Csiszar, I

Global fire activity from two years of MODIS data 2005, 14(2), 117-130

### Cui, W

Assessing the impact of standlevel harvests on the flammability of forest landscapes **2007**, 16(5), 584-592

### Cui, W

What do we know about forest fire size distribution, and why is this knowledge useful for forest management?

2008, 17(2), 234-244

### Cuiñas, P

Effects of soil burn severity on germination and initial establishment of maritime pine seedlings, under greenhouse conditions, in two contrasting experimentally burned soils 2011, 20(2), 209-222

#### Cumming, SG

Road network density correlated with increased lightning fire incidence in the Canadian western boreal forest 2009, 18(8), 970-982

#### Cunha, L

Regional forest-fire susceptibility analysis in central Portugal using a probabilistic ratings procedure and artificial neural network weights assignment **2011**, 20(6), 776-791

# Cunningham, P

Coherent vortical structures in numerical simulations of buoyant plumes from wildland fires

2005, 14(2), 61-75

### Cunningham, RB

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia

2009, 18(1), 84-95

### Curcio, G

Soil moisture dynamics and smoldering combustion limits of pocosin soils in North Carolina, USA 2009, 18(3), 326-335

# Cushon, GH

Characterizing fuels in the 21st

2001, 10(3&4), 381-387

Will climate change drive 21st century burn rates in Canadian boreal forest outside of its natural variability: collating global climate model experiments with sedimentary charcoal data **2010**, 19(8), 1127-1139

#### da Luz Mathias, M

Post-fire recolonisation of a montado area by the endangered Cabrera vole (Microtus cabrerae) 2007, 16(4), 450-457

#### Daniels, LD

Climate drivers of regionally synchronous fires in the inland Northwest (1651-1900) 2008, 17(1), 40-49

Daniels, LD

The transferability of a dNBRderived model to predict burn severity across 10 wildland fires in western Canada 2011, 20(4), 518-531

#### D'Ascoli, R

Functional diversity of the microbial community in Mediterranean maquis soils as affected by fires 2005, 14(4), 355-363

#### Daskalakou, EN

Aleppo Pine (Pinus Halepensis) Postfire Regeneration: the Role of Canopy and Soil Seed Banks **1996**, 6(2), 59-66

#### Davies, GM

Using visual obstruction to estimate heathland fuel load and structure 2008, 17(3), 380-389

#### Davies, ID

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape-fire-succession models

2009, 18(2), 147-156

# Dawson, MP

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools **1997**, 7(2), 105-118

### Dawson, MP

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires 1997, 7(2), 119-131

# Dawson, MP

Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires 1997, 7(2), 133-144

### Dawson, MP

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland **1997**, 7(2), 145-158

## Dawson, MP

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 159-166

#### Dawson, MP

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 167-180

#### Dawson, MP

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 181-199

### Dawson, MP

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing 1997, 7(2), 201-206

#### Dawson, MP

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing **1997**, 7(2), 207-218

### Dawson, MP

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer **Bushfires With Hand Tools:** Background, Objectives, and Methods

**1997**, 7(2), 69-76

#### Dawson, MP

Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe **1997**, 7(2), 77-85

# Dawson, MP

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest **1997**, 7(2), 87-98

# Dawson, MP

Project Aquarius 4. Experimental Bushfires, Suppression Procedures, and Measurements **1997**, 7(2), 99-104

## Dawson, MP

Corrigendum to: Stress, strain, and productivity in men suppressing wildland fires with hand tools. International Journal of Wildland Fire, 7(2) (June 1997), pp. 69-218. Special Issue: 'Project Aquarius. Stress, strain and productivity in wildland firefighters 2004, 13(3), 387-390

### de Blas, E

Effects of heating on some soil physical properties related to its hydrological behaviour in two north-western Spanish soils **2004**, 13(2), 195-199

de Castro, AJ

Thermal infrared emissiontransmission measurements in flames from a cylindrical forest fuel burner

2007, 16(3), 324-340

de Dios Benavides-Solorio, J Measurement and prediction of post-fire erosion at the hillslope scale, Colorado Front Range 2005, 14(4), 457-474

de Groot, WJ

Betula glandulosa Michx. Response to burning and postfire growth temperature and implications of climate change **1999**, 9(1), 51-64

de Groot, WJ

Physical properties of dead and downed round-wood fuels in the Boreal forests of western and Northern Canada **1999**, 9(2), 85-99

de Groot, WJ

Effects of fire severity and season of burn on Betula glandulosa growth dynamics 2004, 13(3), 287-295

de Groot, WJ

Calibrating the Fine Fuel Moisture Code for grass ignition potential in Sumatra, Indonesia 2005, 14(2), 161-168

de Groot, WJ

Estimating direct carbon emissions from Canadian wildland fires 2007, 16(5), 593-606

de Groot, WJ

Remote sensing of burn severity: experience from western Canada boreal fires 2008, 17(4), 476-489

de Groot, WJ

Implications of changing climate for global wildland fire 2009, 18(5), 483-507

de Groot, WJ

Interactive effects of vegetation, soil moisture and bulk density on depth of burning of thick organic soils **2011**, 20(3), 418-429

de Klerk, H

A pragmatic assessment of the usefulness of the MODIS (Terra and Aqua) 1-km active fire (MOD14A2 and MYD14A2) products for mapping fires in the fynbos biome **2008**, 17(2), 166-178

De Las Heras, J

Natural post-fire dynamics and serotiny in 10-year-old Pinus halepensis Mill. stands along a geographic gradient 2008, 17(2), 287-292

De Las Heras, J

Is the net new carbon increment of coppice forest stands of Quercus ilex ssp. ballota affected by post-fire thinning treatments and recurrent fires? 2010, 19(5), 637-648

de Ligt, RM

Fire and carbon dynamics under climate change in south-eastern Australia: insights from FullCAM and FIRESCAPE modelling **2011**, 20(4), 563-577

De Lillis, M Influence of water and terpenes on flammability in some dominant Mediterranean species

2008, 17(2), 274-286

De Lillis, M

The influence of leaf water content and isoprenoids on flammability of some Mediterranean woody species 2009, 18(2), 203-212

De Luis, M

Fuel characteristics and fire behaviour in mature Mediterranean gorse shrublands 2004, 13(1), 79-87

de Luís, M

Fire and torrential rainfall: effects on seedling establishment in Mediterranean gorse shrublands 2005, 14(4), 413-422

De Marco, A

Organic matter, nutrient content and biological activity in burned and unburned soils of a Mediterranean maquis area of southern Italy 2005, 14(4), 365-377

De Marco, A

Post-fire stimulation of soil biogenic emission of CO2 in a sandy soil of a Mediterranean shrubland 2007, 16(5), 573-583

de Pablo, F

Prediction of the daily number of forest fires **1999**, 9(3), 207-211

De Pascale, RA

Functional diversity of the microbial community in Mediterranean maquis soils as affected by fires 2005, 14(4), 355-363

de Zea Bermudez, P

Spatial and temporal extremes of wildfire sizes in Portugal (1984-2004)2009, 18(8), 983-991

Decker, VD

Estimating direct carbon emissions from Canadian wildland fires 2007, 16(5), 593-606

Defosse, GE

The Relative Sensitivity of Two Bunchgrass Species to Fire **1995**, 5(3), 127-134

Defosse, GE

Length and Timing of Grazing on Postburn Productivity of Two Bunchgrasses in an Idaho Experimental Range **1998**, 8(1), 15-20

Delasheras, J

Stages of Bryophyte Succession After Fire in Mediterranean Forests (SE Spain) **1994**, 4(1), 33-44

Demir, F

Validation studies of EUMETSAT's active fire monitoring product over Turkey 2009, 18(5), 517-526

den Ouden, J

Fuel load, humus consumption and humus moisture dynamics in Central European Scots pine stands

2005, 14(2), 153-159

Denis, L

Global fire activity from two years of MODIS data 2005, 14(2), 117-130

Dennis, MH

The effects of wind on the flame characteristics of individual leaves 2011, 20(5), 657-667

Dennison, PE

Evaluating predictive models of critical live fuel moisture in the Santa Monica Mountains, California 2008, 17(1), 18-27

Dennison, PE

Critical live fuel moisture in chaparral ecosystems: a threshold for fire activity and its relationship to antecedent precipitation 2009, 18(8), 1021-1027

Dennison, PE

Modelling long-term fire regimes of southern California shrublands **2011**, 20(1), 1-16

Deskins, A

Economic analysis of geospatial technologies for wildfire suppression 2010, 19(4), 468-477

Despain, DG

Simulation of Crown Fire Effects on Canopy Seed Bank in Lodgepole Pine **1996**, 6(1), 45-49

Devoe, N

Effects of targeted cattle grazing on fire behavior of cheatgrass-dominated rangeland in the northern Great Basin, USA 2009, 18(8), 944-950

Dexter, N

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia 2009, 18(1), 84-95

Dey, DC

Fire scars reveal source of New England's 1780 Dark Day **2007**, 16(3), 266-270

Deyrup, MA

Postfire survival in south Florida slash pine: interacting effects of fire intensity, fire season, vegetation, burn size, and bark beetles 2001, 10(1), 53-63

Dhir, VK

Analysis of Experimental Simulation of Ground Surface Heating During a Prescribed Burn 1991, 1(2), 125-146

Diamond, JM

Effects of targeted cattle grazing on fire behavior of cheatgrass-dominated rangeland in the northern Great Basin, USA

2009, 18(8), 944-950

Díaz-Delgado, R

Statistical analysis of fire frequency models for Catalonia (NSpain), 1975-1998) based on fire scar maps from Landsat MSS data 2004, 13(1), 89-99

Diaz-Fierros, F

Heat-Induced Degradation Processes in Forest Soils **1991**, 1(3), 147-152

Diaz-Fierros, F

Interactions Between Plant Ash Leachates and Soil **1993**, 3(4), 207-216

Combustion characteristics of north-eastern USA vegetation tested in the cone calorimeter: invasive versus non-invasive plants

2007, 16(4), 426-443

Dickinson, JD

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

Dickinson, MB

Prediction and measurement of thermally induced cambial tissue necrosis in tree stems 2006, 15(1), 3-17

Dickinson, MB

An inverse method to estimate stem surface heat flux in wildland fires 2009, 18(6), 711-721

Dickman, CR

The fire history of an arid grassland: the influence of antecedent rainfall and ENSO 2009, 18(6), 631-639

Dickmann, DI

Surface burning in a mature stand of Pinus resinosa and Pinus strobus in Michigan: effects on understory vegetation **2001**, *10*(1), 91-101

Dietenberger, MA

Ignition and flame-growth modelling on realistic building and landscape objects in changing environments 2010, 19(2), 228-237

#### Díez, C

Flammability descriptors of fine dead fuels resulting from two mechanical treatments in shrubland: a comparative laboratory study **2010**, 19(3), 314-324

### Diggins, C

Future climate affects management strategies for maintaining forest restoration treatments

2010, 19(7), 903-913

### Dimitrakopoulos, AP Pyric properties of some dominant Mediterranean vegetation species

2001, 10(1), 23-27

### Dimitrakopoulos, AP

A statistical classification of Mediterranean species based on their flammability components **2001**, 10(2), 113-118

### Dimitrakopoulos, AP

Mediterranean fuel models and potential fire behaviour in Greece

2002, 11(2), 127-130

### Dimitrakopoulos, AP

Allometric equations for crown fuel biomass of Aleppo pine (Pinus halepensis Mill.) in Greece

2007, 16(5), 642-647

### Dimitrakopoulos, AP

Assessing ignition probability and moisture of extinction in a Mediterranean grass fuel 2010, 19(1), 29-34

### Dimuccio, LA

Regional forest-fire susceptibility analysis in central Portugal using a probabilistic ratings procedure and artificial neural network weights assignment

**2011**, 20(6), 776-791

### Dixon, E

Chino well fire: a hydrologic evaluation of rainfall and runoff from the Mud Canyon watershed **1999**, 9(1), 1-8

# Dlugogorski, BZ

The role of extinction on the reignition potential of woodbased embers in bushfires 2007, 16(5), 547-555

# do Rosário, IT

Post-fire recolonisation of a montado area by the endangered Cabrera vole (Microtus cabrerae) **2007**, 16(4), 450-457

# Dodson, EK

Impacts of erosion control treatments on native vegetation recovery after severe wildfire in the Eastern Cascades, USA 2010, 19(4), 490-499

### Doerr, SH

Heating effects on water repellency in Australian eucalypt forest soils and their value in estimating wildfire soil temperatures

**2004**, 13(2), 157-163

#### Doerr, SH

Fire effects on soil system functioning: new insights and future challenges **2005**, 14(4), 339-342

#### Doerr, SH

Influence of vegetation recovery on soil hydrology and erodibility following fire: an 11-year investigation 2005, 14(4), 423-437

#### Doerr, SH

Effect of oxygen deprivation on soil hydrophobicity during heating

**2005**, 14(4), 449-455

# Dolling, K

Natural variability of the Keetch-Byram Drought Index in the Hawaiian Islands 2009, 18(4), 459-475

#### Donohue, J

Mechanical mastication and prescribed fire in coniferhardwood chaparral: differing responses of ectomycorrhizae and truffles

**2011**, 20(7), 888-896

### Donovan, GH

The economic cost of adverse health effectsfrom wildfiresmoke exposure: a review **2010**, 19(7), 803-817

### Douguedroit, A

A Satellite Index of Risk of Forest Fire Occurrence in Summer in the Mediterranean Area

**1998**, 8(4), 173-182

### Doyle, KM

Seventeen Years of Forest Succession Following the Waterfalls Canyon Fire in Grand Teton National Park. Wyoming **1998**, 8(1), 45-55

### Drapeau, P

Effect of fire severity on longterm occupancy of burned boreal conifer forests by saproxylic insects and woodforaging birds 2010, 19(4), 500-511

# Drapeau, P

Tree mortality and snag dynamics in North American boreal tree species after a wildfire: a long-term study **2011**, 20(6), 751-763

# Draper, TM

The effects of seeding sterile triticale on a native plant community after wildfire in a pinyon pine-mountain mahogany woodland 2009, 18(6), 659-664

### Dray, G

Experimental validation in Mediterranean shrub fuels of seven wildland fire rate of spread models

**2001**, 10(1), 15-22

#### Drewa, PB

Effects of fire season and intensity on Prosopis glandulosa Torr. var. glandulosa 2003, 12(2), 147-157

#### Drobyshev, I

A 400-year history of fires on lake islands in south-east Sweden 2010, 19(8), 1050-1058

#### Drobyshev, I

Variation in local weather explains differences in fire regimes within a Québec southeastern boreal forest landscape 2010, 19(8), 1073-1082

#### Drucker, AG

Manager-based valuations of alternative fire management regimes on Cape York Peninsula, Australia 2008, 17(5), 660-673

#### Duce, P

Relationships between seasonal patterns of live fuel moisture and meteorological drought indices for Mediterranean shrubland species 2007, 16(2), 232-241

# Duce, P

Evaluation of FARSITsimulator in Mediterranean maquis 2007, 16(5), 563-572

### Duce, P

Seasonal variations of live moisture content and ignitability in shrubs of the Mediterranean Basin 2007, 16(5), 633-641

# Duchesne, LC

Predicting the Height to Live Crown Base in Plantations of Four Boreal Forest Species 1994, 4(2), 103-106

# Duchesne, LC

Soil Seed Bank of a Jack Pine (Pinus Banksiana) Ecosystem **1998**, 8(2), 67-71

# Duchesne, LC

Effect of clear-cutting, prescribed burning and scarification on litter decomposition in an Eastern Ontario jack pine (Pinus banksiana) ecosystem **1999**, 9(3), 195-201

# Duffy, PA

Analysis of Alaskan burn severity patterns using remotely sensed data 2007, 16(3), 277-284

Modelling the effects of landscape fuel treatments on fire growth and behaviour in a Mediterranean landscape (eastern Spain) **2007**, 16(5), 619-632

#### Dull, C

A primer on mapping vegetation using remote sensing 2001, 10(3&4), 277-287

#### Dupont, S

Validation of FIRETEC windflows over a canopy and a fuelbreak

2009, 18(7), 775-790

### Dupuy, JL

Slope and Fuel Load Effects on Fire Behavior: Laboratory Experiments in Pine Needles Fuel Beds 1995, 5(3), 153-164

#### Dupuy, JL

Dynamic modelling of fire spread across a fuel bed **1999**, 9(4), 275-284

# Dupuy, JL

Dynamic modelling of upslope fire growth **1999**, 9(4), 285-292

### Dupuy, J-L

Fire spread through a porous forest fuel bed: a radiative and convective model including fire-induced flow effects 1999, 9(3), 155-172

### Dupuy, J-L

Numerical study of a crown fire spreading toward a fuel break using a multiphase physical model

2005, 14(2), 141-151

### Dupuy, J-L

Thermal infrared emissiontransmission measurements in flames from a cylindrical forest fuel burner

2007, 16(3), 324-340

# Dupuy, J-L

Validation studies of EUMETSAT's active fire monitoring product over Turkey 2009, 18(5), 517-526

# Dupuy, J-L

Validation of FIRETEC windflows over a canopy and a fuelbreak 2009, 18(7), 775-790

### Dupuy, J-L

The effects of slope and fuel bed width on laboratory fire behaviour

2011, 20(2), 272-288

# Dupuy, J-L

Slope effect on laboratory fire spread: contribution of radiation and convection to fuel bed preheating

**2011**, 20(2), 289-307

# Dupuy, J-L

Exploring three-dimensional coupled fire-atmosphere interactions downwind of winddriven surface fires and their influence on backfires using the HIGRAD-FIRETEC model 2011, 20(6), 734-750

#### Duryea, ML

Flammability of native understory species in pine flatwood and hardwood hammock ecosystems and implications for the wildlandurban interface

2004, 13(3), 355-365

#### Dusserre, G

Experimental validation in Mediterranean shrub fuels of seven wildland fire rate of spread models **2001**, *10*(1), 15-22

#### Duveneck, M

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens **2009**, *18*(3), 268-277

#### Dyer, R

Ecological and economic assessment of prescribed burning impacts in semi-arid pastoral lands of northern Australia

2003, 12(3&4), 403-413

### Dymond, CC

Characterizing and mapping fuels for Malaysia and western Indonesia

2004, 13(3), 323-334

### Eby, LA

Effects of wildfire on stream temperatures in the Bitterroot River Basin, Montana **2011**, 20(2), 240-247

## Edminster, C

Modeling interactions between fire and atmosphere in discrete element fuel beds **2005**, *14*(2), 37-48

### Edminster, C

Coupled influences of topography and wind on wildland fire behaviour **2007**, *16*(2), 183-195

### Edminster, C

A numerical study of slope and fuel structure effects on coupled wildfire behaviour **2010**, *19*(2), 179-201

# Edwards, A

A tale of two parks: contemporary fire regimes of Litchfield and Nitmiluk National Parks, monsoonal northern Australia **2001**, 10(1), 79-89

### Edwards, A

Fine-scale patchiness of different fire intensities in sandstone heath vegetation in northern Australia **2003**, *12*(2), 227-236

### Edwards, A

Contemporary fire regimes of northern Australia, 1997–2001: change since Aboriginal occupancy, challenges for sustainable management **2003**, *12*(3&4), 283-297

#### Edwards, A

Monitoring the impacts of fire regimes on vegetation in northern Australia: an example from Kakadu National Park **2003**, *12*(3&4), 427-440

#### Edwards, AC

Seasonality and fire severity in savanna landscapes of monsoonal northern Australia **2006**, *15*(4), 541-550

#### Edwards, AC

Efficacy of permanent firebreaks and aerial prescribed burning in western Arnhem Land, Northern Territory, Australia

2007, 16(3), 295-305

#### Edwards, AC

Big fires and their ecological impacts in Australian savannas: size and frequency matters **2008**, *17*(6), 768-781

# Edwards, AC

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications **2009**, *18*(1), 1-18

#### Edwards, AC

Ecological thresholds and the status of fire-sensitive vegetation in western Arnhem Land, northern Australia: implications for management **2009**, *18*(2), 127-146

### Edwards, GP

The effect of fire on birds of mulga woodland in arid central Australia

2010, 19(7), 949-960

# Eidenshink, JC

Forecasting distributions of large federal-lands fires utilizing satellite and gridded weather information **2009**, *18*(5), 508-516

### Eitel, JUH

Spectral analysis of charcoal on soils: implicationsfor wildland fire severity mapping methods **2010**, *19*(7), 976-983

### Eklund, A

Applying LiDAR technology for tree measurements in burned landscapes

**2010**, 19(1), 104-114

# Elliot, WJ

Predicting post-fire hillslope erosion in forest lands of the western United States **2011**, 20(8), 982-999

# Elliott, LP

Frequency and season of fires varies with distance from settlement and grass composition in *Eucalyptus miniata* savannas of the Darwin region of northern Australia **2009**, 18(1), 61-70

#### Ellis, PF

A review of radiant heat flux models used in bushfire applications

2003, 12(1), 101-110

### Ellis, PFM

Fuelbed ignition potential and bark morphology explain the notoriety of the eucalypt messmate 'stringybark' for intense spotting **2011**, 20(7), 897-907

#### Ena, V

Recolonization of Two Burnt Quercus pyrenaica Ecosystems by Coleoptera 1998, 8(1), 21-27

### Engle, DM

Fire Behavior and Fire Effects on Eastern Redcedar in Hardwood Leaf-Litter Fires **1995**, *5*(3), 135-141

### Engle, DM

The Oklahoma Fire Danger Model: An operational tool for mesoscale fire danger rating in Oklahoma **2002**, *11*(3&4), 183-191

# Englefield, P

Estimating direct carbon emissions from Canadian wildland fires **2007**, *16*(5), 593-606

#### Englefield, P

An approach to operational forest fire growth predictions for Canada **2009**, *18*(8), 893-905

# Enninful, EK

A variable property heat transfer model for predicting soil temperature profiles during simulated wildland fire conditions **2008**, *17*(2), 205-213

2000, 17 (2

## Entwistle,D

The influence of wildfire extent and severity on streamwater chemistry, sediment and temperature following the Hayman Fire, Colorado **2011**, 20(3), 430-442

### Enzler, SA

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

### Epting, J

Analysis of Alaskan burn severity patterns using remotely sensed data

**2007**, 16(3), 277-284

### Erdi. E

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

# Eriksen, C

The art of learning: wildfire, amenity migration and local environmental knowledge **2011**, 20(4), 612-624

#### Espelta, JM

Natural post-fire dynamics and serotiny in 10-year-old *Pinus halepensis* Mill. stands along a geographic gradient **2008**, *17*(2), 287-292

#### Espelta, JM

Recurrent wildfires constrain long-term reproduction ability in *Pinus halepensis* Mill. **2008**, *17*(5), 579-585

#### Esque, TC

The effects of seeding sterile triticale on a native plant community after wildfire in a pinyon pine—mountain mahogany woodland **2009**, 18(6), 659-664

#### Estiarte, M

Influence of water and terpenes on flammability in some dominant Mediterranean species

**2008**, 17(2), 274-286

# Estrela, MJ

A mesoscale model application to fire weather winds **1999**, *9*(4), 255-263

#### Etlinger, M

Use of the cone calorimeter to detect seasonal differences in selected combustion characteristics of ornamental vegetation **2005**, *14*(3), 321-338

# Etlinger, MG

Development of a laboratory protocol for fire performance of landscape plants **2004**, *13*(4), 479-488

### Eugenio, M

Natural post-fire dynamics and serotiny in 10-year-old *Pinus halepensis* Mill. stands along a geographic gradient **2008**, *17*(2), 287-292

# Eugenio, M

Recurrent wildfires constrain long-term reproduction ability in *Pinus halepensis* Mill. **2008**, *17*(5), 579-585

# Evans, JS

Using fuzzy C-means and local autocorrelation to cluster satellite-inferred burn severity classes

**2010**, 19(7), 853-860

### Everett, R

Snag dynamics in a chronosequence of 26 wildfires on the east slope of the Cascade Range in Washington State, USA 1999, 9(4), 223-234

# Faiella, SM

Fluctuations in fuel moisture across restoration treatments in semi-arid ponderosa pine forests of northern Arizona, USA

2007, 16(1), 119-127

#### Fairfax, RJ

Assessing woody vegetation cover change in north-west Australian savanna using aerial photography

**2003**, 12(3&4), 359-367

#### Falkowski, MJ

Remote sensing techniques to assess active fire characteristics and post-fire effects **2006**, *15*(3), 319-345

#### Fancher, JT

Classifying fuels with aerial photography in East Texas **1999**, *9*(2), 109-113

#### Farrish, K

Fuel loading prediction models developed from aerial photographs of the Sangre de Cristo and Jemez mountains of New Mexico, USA 2002, 11(1), 85-90

#### Fast, JD

Simulations of Horizontal Roll Vortex Development Above Lines of Extreme Surface Heating 1992, 2(2), 55-68

#### Faulkner, H

Complexity of homeowner wildfire risk mitigation: an integration of hazard theories **2011**, *20*(8), 921-931

#### Faulring, J

Autonomous field-deployable wildland fire sensors **2003**, *12*(2), 237-244

# Favier, C

Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata

**2010**, 19(8), 1015-1025

### Feguson, SA

Preface to 'Fire and Forest Meteorology' **2002**, *11*(3&4), v-v

### Feidas, H

Temporal simulation of diurnal temperature and relative humidity evolution at a forested mountainous site in Attica, Greece

**2002**, 11(2), 95-106

### Feller, MC

Relationships Between Fire Severity and Atmospheric and Leaching Nutrient Losses in British Columbia's Coastal Western Hemlock Zone Forests 1998, 8(2), 87-101

# Feller, MC

Short-term effects of prescribed burning on radial growth of Douglas-fir trees in south central British Columbia **2011**, 20(7), 876-887

### Fensham, RJ

Assessing woody vegetation cover change in north-west Australian savanna using aerial photography **2003**, *12*(3&4), 359-367

Ferguson, SA

Modeling Smoldering Emissions From Prescribed Broadcast Burns in the Pacific-Northwest

**1994**, 4(3), 135-142

#### Ferguson, SA

Measuring moisture dynamics to predict fire severity in longleaf pine forests **2002**, *11*(3&4), 267-279

#### Ferguson, SA

Preface to 'Fire and Forest Meteorology' **2005**, *14*(2), iii-iii

#### Ferguson, SA

Evaluation of MM5 model resolution when applied to prediction of National Fire Danger Rating indexes **2006**, *15*(2), 147-154

### Ferguson, SA

The BlueSky smoke modeling framework **2009**, *18*(8), 906-920

Ferná:ndez, C

Effectiveness of three post-fire treatments at reducing soil erosion in Galicia (NW Spain) **2011**, *20*(1), 104-114

#### Fernandes, A

Feasibility of forest-fire smoke detection using lidar **2003**, *12*(2), 159-166

#### Fernandes, A

Eye-safe lidar measurements for detection and investigation of forest-fire smoke **2004**, *13*(4), 401-412

# Fernandes, PM

A New Method to Estimate Fuel Surface Area-to-Volume Ratio Using Water Immersion 1998, 8(2), 59-66

# Fernandes, PM

A New Method to Estimate Fuel Surface Area-to-Volume Ratio Using Water Immersion. **1998**, 8(3), 121-128

# Fernandes, PM

A review of prescribed burning effectiveness in fire hazard reduction

2003, 12(2), 117-128

### Fernandes, PM

Development of fuel models for fire behaviour prediction in maritime pine (*Pinus pinaster* Ait.) stands

**2008**, 17(2), 194-204

### Fernandes, PM

Empirical modelling of surface fire behaviour in maritime pine stands

2009, 18(6), 698-710

## Fernández, C

Flammability descriptors of fine dead fuels resulting from two mechanical treatments in shrubland: a comparative laboratory study **2010**, *19*(3), 314-324

### Fernández, C

Effects of soil burn severity on germination and initial establishment of maritime pine seedlings, under greenhouse conditions, in two contrasting experimentally burned soils **2011**, 20(2), 209-222

#### Fernández, H

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging **2007**, *16*(3), 341-348

### Fernandez, JC

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics **2009**, *18*(6), 676-685

#### Fernández, S

Analysis of the evolution of soil erosion classes using multitemporal Landsat imagery **2008**, *17*(5), 549-558

### Fernández-González, F

Effects of a long-term fire retardant chemical (Fire-Trol 934) on seed viability and germination of plants growing in a burned Mediterranean area **2007**, *16*(3), 349-359

#### Ferrandis, P

The Role of Soil Seed Bank in the Early Stages of Plant Recovery After Fire in a *Pinus Pinaster* Forest in SSpain **1996**, 6(1), 31-35

# Ferrandis, P

Influence of heat on seed germination of nine woody *Cistaceae* species **1999**, *9*(3), 173-182

### Ferreira de Almeida, AMS

The Relationship of Forest Fires to Agro-Forestry and Socio-Economic Parameters in Portugal 1992, 2(1), 37-40

# Ferreira, A

Comparative study of various methods of fire danger evaluation in southern Europe **1999**, *9*(4), 235-246

### Ferreira, AD

Moisture Content of Fine Forest Fuels and Fire Occurrence in Central Portugal 1992, 2(2), 69-86

### Ferreira, AD

Wildfire Impacts on Soil-Erosion and Hydrology in Wet Mediterranean Forest, Portugal **1993**, 3(2), 95-110

# Ferreira, AJD

Temporal patterns of solute loss following wildfires in Central Portugal **2005**, *14*(4), 401-412

# Ferreira, J

Smoke measurements during Gestosa-2002 experimental field fires

**2005**, 14(2), 107-116

#### Ferreira, R

Regional forest-fire susceptibility analysis in central Portugal using a probabilistic ratings procedure and artificial neural network weights assignment

**2011**, 20(6), 776-791

#### Fiddler, GO

Lethal soil temperatures during burning of masticated forest residues

2005, 14(3), 267-276

#### Fierens, PI

Number of sensors versus time to detection in wildfires **2009**, *18*(7), 825-829

### Fierro, A

Post-fire stimulation of soil biogenic emission of CO<sub>2</sub> in a sandy soil of a Mediterranean shrubland **2007**, *16*(5), 573-583

#### Fierro, A

Soil N<sub>2</sub>O emissions in a Mediterranean shrubland disturbed by experimental fires **2011**, 20(7), 847-855

#### Finkele, K

Meteorological conditions and wildfire-related houseloss in Australia **2010**, *19*(7), 914-926

# Finney, MA

Calibration and Field Testing of Passive Flame Height Sensors **1992**, 2(3), 115-122

# Finney, MA

The Missing Tail and Other Considerations for the Use of Fire History Models **1995**, *5*(4), 197-202

## Finney, MA

Calculation of fire spread rates across random landscapes **2003**, *12*(2), 167-174

# Finney, MA

A computational method for optimising fuel treatment locations **2007**, *16*(6), 702-711

### Finney, MA

Simulation of long-term landscape-level fuel treatment effects on large wildfires **2007**, *16*(6), 712-727

### Finney, MA

An examination of fire spread thresholds in discontinuous fuel beds

**2010**, 19(2), 163-170

# Finney, MA

An examination of flame shape related to convection heat transfer in deep-fuel beds **2010**, *19*(2), 171-178

# Fisher, R

Patterns of landscape fire and predicted vegetation response in the North Kimberley region of Western Australia **2003**, *12*(3&4), 369-379

### Fisher, R

Remote sensing of fire regimes in semi-arid Nusa Tenggara Timur, eastern Indonesia: current patterns, future prospects

**2006**, 15(3), 307-317

### Fites-Kaufman, JA

Effectiveness of prescribed fire as a fuel treatment in Californian coniferous forests 2009, 18(2), 165-175

#### Fitzgerald, N

Application of NDVI for predicting fuel curing at landscape scales in northern Australia: can remotely sensed data help schedule fire management operations? 2003, 12(3&4), 299-308

#### Flannigan, M

Preface to 'Fire and Forest Meteorology 2002, 11(3&4), v-v

Flannigan, M Editorial

2003, 12(1), iii-iii

Flannigan, M Fire and savanna landscapes in northern Australia: regional lessons and global challenges 2003, 12(3&4), v-ix

### Flannigan, M

Preface to 'Fire and Forest Meteorology 2005, 14(2), iii-iii

Flannigan, M Editorial 2007, 16(1), iii-iii

# Flannigan, MD

Fire Regime and the Abundance of Red Pine **1993**, 3(4), 241-247

### Flannigan, MD

A Study on the Interpolation of Fire Danger Using Radar Precipitation Estimates 1998, 8(4), 217-225

# Flannigan, MD

Fire, climate change, carbon and fuel management in the Canadian boreal forest 2001, 10(3&4), 405-413

# Flannigan, MD

Lightning and lightning fire, central cordillera, Canada 2002, 11(1), 41-51

# Flannigan, MD

Fire weather index system components for large fires in the Canadian boreal forest 2004, 13(4), 391-400

# Flannigan, MD

A 229-year dendroclimaticinferred record of forest fire activity for the Boreal Shield of Canada 2006, 15(3), 375-388

## Flannigan, MD

Impact of climate change on area burned in Alberta's boreal forest 2007, 16(2), 153-160

### Flannigan, MD

Fire-growth modelling using meteorological data with random and systematic perturbations **2007**, 16(2), 174-182

### Flannigan, MD

Preface to 'Fire and Forest Meteorology 2007, 16(2), iii-iii

### Flannigan, MD

Historical fire regime shifts related to climate teleconnections in the Waswanipi area, central Quebec, Canada 2007, 16(5), 607-618

### Flannigan, MD

Fire activity in Portugal and its relationship to weather and the Canadian Fire Weather Index System 2008, 17(3), 328-338

### Flannigan, MD

Dendroclimatic inference of wildfire activity in Quebec over the 20th century and implications for natural disturbance-based forest management at the northern limit of the commercial forest **2008**, 17(3), 348-362

### Flannigan, MD

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape-fire-succession models

2009, 18(2), 147-156

### Flannigan, MD

Implications of changing climate for global wildland fire 2009, 18(5), 483-507

# Flannigan, MD

Characterization of wildfire regimes in Canadian boreal terrestrial ecosystems 2009, 18(8), 992-1002

# Flannigan, MD

Forest fire occurrence and climate change in Canada **2010**, 19(3), 253-271

# Flannigan, MD

Variation in local weather explains differences in fire regimes within a Québec southeastern boreal forest landscape 2010, 19(8), 1073-1082

# Flannigan, MD

Interactive effects of vegetation, soil moisture and bulk density on depth of burning of thick organic soils

2011, 20(3), 418-429

### Fleming, MD

El Niño and its impact on fire weather conditions in Alaska **2001**, 10(1), 1-13

## Fleming, R

Strategy for a Fire Module in Dynamic Global Vegetation Models 1999, 9(1), 79-84

### Fletcher, TH

Flame interactions and burning characteristics of two live leaf samples

2009, 18(7), 865-874

### Fletcher, TH

Experimental measurements during combustion of moist individual foliage samples **2010**, 19(2), 153-162

## Fletcher, TH

A sub-grid, mixture-fractionbased thermodynamic equilibrium model for gas phase combustion in FIRETEC: development and results 2010, 19(2), 202-212

### Fletcher, TH

The effects of wind on the flame characteristics of individual leaves 2011, 20(5), 657-667

### Floyd, ML

Predicting and mitigating weed invasions to restore natural post-fire succession in Mesa Verde National Park, Colorado, USA

2006, 15(2), 247-259

#### Fogarty, L

An optimisation modelling approach to seasonal resource allocation for planned burning 2011, 20(2), 175-183

### Fontúrbel, MT

Effects of soil burn severity on germination and initial establishment of maritime pine seedlings, under greenhouse conditions, in two contrasting experimentally burned soils 2011, 20(2), 209-222

## Fonturbel, T

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds 2009, 18(8), 951-969

# Fonturbel, T

Effectiveness of three post-fire treatments at reducing soil erosion in Galicia (NW Spain) **2011**, 20(1), 104-114

### Forsyth, GG

A Computer-Based System for Fire Management in the Mountains of the Cape Province, South-Africa **1994**, 4(1), 17-32

# Fortescue, M

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia

2009, 18(1), 84-95

### Forteza, J

Postfire Effects on Soil Properties and Nutrient Losses **1996**, 6(2), 53-58

### Forthofer, JM

Predicting the ignition of crown fuels above a spreading surface fire. Part I: model idealization 2006, 15(1), 47-60

#### Forthofer, JM

An examination of flame shape related to convection heat transfer in deep-fuel beds **2010**, 19(2), 171-178

# Forthun, G

Near-real time mapping of Keetch-Byram drought index in the south-eastern United States 2002, 11(3&4), 281-289

# Fortin, CM-J

Landscape composition influences local pattern of fire size in the eastern Canadian boreal forest: role of weather and landscape mosaic on fire size distribution in mixedwood boreal forest using the Prescribed Fire Analysis System **2010**, 19(8), 1099-1109

### Fosberg, MA

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, 9(1), 79-84

#### Fouts, JF

Effect of fire shelters on perceived fire danger: implications for risk compensation 2005, 14(3), 297-306

Development of post-fire crown damage mortality thresholds in ponderosa pine **2010**, 19(5), 583-588

### Fox, D

The new smoke management 2001, 10(3&4), 415-427

### Frakes, I

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, 16(4), 361-377

### Frandsen, WH

Basal Injury From Smoldering Fires in Mature Pinus ponderosa Laws **1991**, 1(2), 107-118

### Frandsen, WH

Heat Evolved From Smoldering 1991, 1(3), 197-204

# Frandsen, WH

When It's Hot, It's Hot... Or Maybe It's Not! (Surface Flaming May Not Portend Extensive Soil Heating) 1992, 2(3), 139-144

### Frandsen, WH

A Stirred Water Calorimeter for Measuring Heat Flux From **Smoldering Combustion 1998**, 8(3), 129-135

# Frandsen, WH

Heat Flow Measurements From Smoldering Porous Fuel **1998**, 8(3), 137-145

#### Frank, JL

Mechanical mastication and prescribed fire in conifer hardwood chaparral: differing responses of ectomycorrhizae and truffles

2011, 20(7), 888-896

#### Frank, JM

Effect of a controlled burn on the thermophysical properties of a dry soil using a new model of soil heat flow and a new high temperature heat flux sensor **2004**, *13*(4), 427-442

### Frank, JM

Long-term impacts of prescribed burns on soil thermal conductivity and soil heating at a Colorado Rocky Mountain site: a data/model fusion study **2008**, *17*(1), 131-146

#### Franklin, DC

Frequency and season of fires varies with distance from settlement and grass composition in *Eucalyptus miniata* savannas of the Darwin region of northern Australia **2009**, *18*(1), 61-70

#### Franklin, J

Effect of fire weather, fuel age and topography on patterns of remnant vegetation following a large fire event in southern California, USA **2010**, *19*(4), 415-426

#### Franklin, JF

Climate, lightning ignitions, and fire severity in Yosemite National Park, California, USA **2009**, *18*(7), 765-774

# Franks, SW

Multi-decadal variability of forest fire risk - eastern Australia **2004**, *13*(2), 165-171

# Fraser, F

Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management **2003**, *12*(3&4), 415-425

### Fraser, RH

Estimating direct carbon emissions from Canadian wildland fires **2007**, *16*(5), 593-606

### Fréchette, B

Resilience of the boreal forest in response to Holocene firefrequency changes assessed by pollen diversity and population dynamics

**2010**, 19(8), 1026-1039

## Freeburn, JT

Remote sensing of burn severity: experience from western Canada boreal fires **2008**, *17*(4), 476-489

### Freeburn, JT

Large fires as agents of ecological diversity in the North American boreal forest **2008**, *17*(6), 754-767

# French, NHF

Mapping the Location of Wildfires in Alaskan Boreal Forests Using AVHRR Imagery 1995, 5(2), 55-62

### French, NHF

Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results **2008**, *17*(4), 443-462

#### French, NHF

Evaluating the potential of Landsat TM/ETM+ imagery for assessing fire severity in Alaskan black spruce forests **2008**, *17*(4), 500-514

### French, NHF

Evaluation of the composite burn index for assessing fire severity in Alaskan black spruce forests **2008**, *17*(4), 515-526

#### Fried, JS

Assessing the benefits of reducing fire risk in the wildland-urban interface: a contingent valuation approach **1999**, *9*(1), *9*-20

#### Fried, JS

Analysing initial attack on wildland fires using stochastic simulation

**2006**, 15(1), 137-146

#### Fried, JS

Wildland–urban interface housing growth during the 1990s in California, Oregon, and Washington **2007**, *16*(3), 255-265

# Fujioka, F

Medium-range fire weather forecasts

1991, 1(3), 159-176

## Fujioka, F

Fire-climate relationships and long-lead seasonal wildfire prediction for Hawaii **2002**, *11*(1), 25-31

# Fujioka, F

Seasonal fire danger forecasts for the USA **2005**, *14*(2), 1-18

# Fujioka, F

Wildland fire probabilities estimated from weather model-deduced monthly mean fire danger indices **2008**, *17*(3), 305-316

### Fujioka, F

Natural variability of the Keetch–Byram Drought Index in the Hawaiian Islands **2009**, 18(4), 459-475

### Fujioka, F

NCEP-ECPC monthly to seasonal US fire danger forecasts

2010, 19(4), 399-414

### Fujioka, FM

A new method for the analysis of fire spread modeling errors **2002**, *11*(3&4), 193-203

#### Fujioka, FM

Tribute to Mike Fosberg **2002**, *11*(3&4), iii-iii

### Fulé, P

Ecological effects of large fires on US landscapes: benefit or catastrophe?

2008, 17(6), 696-712

### Fule, PZ

Double Sampling Increases the Efficiency of Forest Floor Inventories for Arizona Ponderosa Pine Forests **1994**, *4*(1), 3-10

# Fulé, PZ

Fire ecology of Mexican pines and a fire management proposal **2003**, *12*(1), 23-37

### Fulé, PZ

Assessing fire regimes on Grand Canyon landscapes with fire-scar and fire-record data **2003**, *12*(2), 129-145

#### Fulé, PZ

Comparison of burn severity assessments using Differenced Normalized Burn Ratio and ground data **2005**, *14*(2), 189-198

### Fulé, PZ

Fire history and stand structure of two ponderosa pine-mixed conifer sites: San Francisco Peaks, Arizona, USA **2005**, *14*(3), 307-320

#### Fulé, PZ

Fire histories in ponderosa pine forests of Grand Canyon are well supported: reply to Baker **2006**, *15*(3), 439-445

### Fulé, PZ

Pre-wildfire fuel treatments affect long-term ponderosa pine forest dynamics **2007**, *16*(1), 128-138

### Fulé. PZ

Landscape-scale changes in canopy fuels and potential fire behaviour following ponderosa pine restoration treatments **2008**, *17*(2), 293-303

### Fulé, PZ

Minimal effectiveness of native and non-native seeding following three high-severity wildfires

**2010**, 19(6), 746-758

## Fulé, PZ

Future climate affects management strategies for maintaining forest restoration treatments **2010**, 19(7), 903-913

Fulé, PZ

Recent trends in post-wildfire seeding in western US forests: costs and seed mixes **2011**, *20*(5), 702-708

### Gabet, EJ

Physical, chemical and hydrological properties of Ponderosa pine ash **2011**, *20*(3), 443-452

# Gallagher, A

Autonomous field-deployable wildland fire sensors **2003**, *12*(2), 237-244

### Ganteaume, A

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds **2009**, *18*(8), 951-969

#### García del Barrio, JM

Recent fire regime in peninsular Spain in relation to forest potential productivity and population density **2006**, *15*(3), 397-405

## García Diez, A

Prediction of the daily number of forest fires **1999**, *9*(3), 207-211

## García Diez, EL

Prediction of the daily number of forest fires **1999**, 9(3), 207-211

#### Garcia, CV

A Logit Model for Predicting the Daily Occurrence of Human Caused Forest-Fires **1995**, *5*(2), 101-111

### García-Corona, R

Effects of heating on some soil physical properties related to its hydrological behaviour in two north-western Spanish soils **2004**, *13*(2), 195-199

## García-Marco, S

Long-term effects of fire and three firefighting chemicals on a soil–plant system **2011**, *20*(7), 856-865

### García-Mateos Á

Seed provenance and fire-related reproductive traits of *Pinus* pinaster in central Spain **2009**, 18(8), 1003-1009

# García-Morote, FA

Is the net new carbon increment of coppice forest stands of *Quercus ilex* ssp. *ballota* affected by post-fire thinning treatments and recurrent fires? **2010**, *19*(5), 637-648

## García-Orenes, F

Microbial recolonization and chemical changes in a soil heated at different temperatures **2005**, *14*(4), 385-400

# Garcia-Villanueva, JA

Recolonization of Two Burnt *Quercus pyrenaica* Ecosystems by Coleoptera **1998**, 8(1), 21-27

# Gardner, R

Strategy for a Fire Module in Dynamic Global Vegetation Models 1999, 9(1), 79-84

# Gardner, RH

Prefire heterogeneity, fire severity, and early postfire plant reestablishment in subalpine forests of Yellowstone National Park, Wyoming **1999**, *9*(1), 21-36

Garlough, EC

Influences of moisture content, mineral content and bulk density on smouldering combustion of ponderosa pine duff mounds 2011, 20(4), 589-596

Garnett, ST

Manager-based valuations of alternative fire management regimes on Cape York Peninsula, Australia 2008, 17(5), 660-673

Garvey, M

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat **2009**, 18(8), 1010-1020

Garvey, MF

Where's the fire? Quantifying uncertainty in a wildfire threat model

2004, 13(1), 17-25

Garwood, GC

Development of calibration algorithms for selected water content reflectometry probes for burned and non-burned organic soils of Alaska

**2010**, 19(7), 961-975

Gaskill, SE

Wildland firefighter load carriage: effects on transit time and physiological responses during simulated escape to safety zone **2003**, *12*(1), 111-116

Gasvoda, DS

Measuring duff moisture content in the field using a portable meter sensitive to dielectric permittivity **2004**, 13(3), 343-353

Gathany, MA

Post-fire soil fluxes of CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O along the Colorado Front Range 2011, 20(7), 838-846

Gatoulas, K

Assessing ignition probability and moisture of extinction in a Mediterranean grass fuel 2010, 19(1), 29-34

Gauthier, S

Fire impacts and crowning in the boreal forest: study of a large wildfire in western Quebec

2001, 10(2), 119-127

Gauthier, S

A 229-year dendroclimaticinferred record of forest fire activity for the Boreal Shield of Canada

2006, 15(3), 375-388

Gauthier, S

Does the post-fire organic layer compress beneath the snowpack? **2010**, 19(5), 673-676

Gauthier, S

The effects of surficial depositdrainage combinations on spatial variations of fire cycles in the boreal forest of eastern Canada

**2010**, 19(8), 1083-1098

Gauthier, S

Spatial pattern analyses of postfire residual stands in the black spruce boreal forest of western Ouebec

2010, 19(8), 1110-1126

Gauthier, S

Tree mortality and snag dynamics in North American boreal tree species after a wildfire: a long-term study 2011, 20(6), 751-763

Gavin, DG

Peak detection in sedimentcharcoal records: impacts of alternative data analysis methods on fire-history interpretations **2010**, 19(8), 996-1014

Gebert, KM

Factors influencing large wildland fire suppression expenditures

**2008**, 17(5), 650-659

Gebert, KM

Spatially explicit forecasts of large wildland fire probability and suppression costs for California 2011, 20(4), 508-517

Gentile, A

Functional diversity of the microbial community in Mediterranean maquis soils as affected by fires 2005, 14(4), 355-363

Gentile, AE

Organic matter, nutrient content and biological activity in burned and unburned soils of a Mediterranean maquis area of southern Italy 2005, 14(4), 365-377

Genton, MG

Spatio-temporal analysis of wildfire ignitions in the St Johns River Water Management District, Florida 2006, 15(1), 87-97

Gergel, SE

The transferability of a dNBRderived model to predict burn severity across 10 wildland fires in western Canada 2011, 20(4), 518-531

Gershunov, A

Long lead statistical forecasts of area burned in western U.S. wildfires by ecosystem province 2002, 11(3&4), 257-266

Gessler, PE

Remote sensing techniques to assess active fire characteristics and post-fire effects 2006, 15(3), 319-345

Gessler, PE

Validation studies of EUMETSAT's active fire monitoring product over Turkey 2009, 18(5), 517-526

Ghosn, D

Evaluation of forest fire retardant removal from forest fuels by rainfall **2006**, 15(3), 293-297

Ghosn, D

Investigation of the wind speed threshold above which discarded cigarettes are likely to be moved by the wind 2006, 15(4), 567-576

Gianelle, D

Estimation of grassland biophysical parameters using hyperspectral reflectance for fire risk map prediction 2009, 18(7), 815-824

Giannakopoulos, C

The meteorological conditions associated with extreme fire risk in Italy and Greece: relevance to climate model studies

2008, 17(2), 155-165

Gibson, J

Mechanical mastication and prescribed fire in coniferhardwood chaparral: differing responses of ectomycorrhizae and truffles

2011, 20(7), 888-896

Gibson, KE

Development of post-fire crown damage mortality thresholds in ponderosa pine

**2010**, 19(5), 583-588

Gielow, R

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire 2010, 19(6), 795-799

Giglio, L

Global fire activity from two years of MODIS data **2005**, *14*(2), 117-130

Giglio, L

Global assessment of the temporal reporting accuracy and precision of the MODIS burned area product **2010**, 19(6), 705-709

Mapping burned area in Alaska using MODIS data: a data limitations-driven modification to the regional burned area algorithm

2011, 20(4), 487-496

Gil, L

Seed provenance and firerelated reproductive traits of Pinus pinaster in central Spain 2009, 18(8), 1003-1009

Gill. AM

Fire in Semiarid, Mallee Shrublands - Size of Flames From Discrete Fuel Arrays and Their Role in the Spread of Fire **1993**, 3(1), 3-12

Gill, AM

Variation of Live and Dead Fine Fuel Moisture in Pinus radiata Plantations of the Australian-Capital-Territory **1993**, 3(3), 155-168

Gill, AM

Seasonal Changes in Fire Behaviour in a Tropical Savanna in Northern Australia **1998**, 8(4), 227-239

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, 9(1), 79-84

Gill AM

Theoretical fire-interval distributions 2001, 10(1), 73-77

Gill, AM

A review of current space-based fire monitoring in Australia and the GOFC/GOLD program for international coordination 2003, 12(3&4), 247-258

Gill. AM

Fire-created patchiness in Australian savannas 2003, 12(3&4), 323-331

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, 16(4), 361-377

Gill. AM

Large fires, fire effects and the fire-regime concept 2008, 17(6), 688-695

Gill, AM

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia 2009, 18(1), 84-95

Gill, AM

Prediction of the probability of large fires in the Sydney region of south-eastern Australia using fire weather 2009, 18(8), 932-943

Gill, AM

Australian grassland fire danger using inputs from the GRAZPLAN grassland simulation model 2010, 19(3), 338-345

The initiation of fire spread in shrubland fuels recreated in the laboratory **2010**, 19(4), 512-520

The effect of fire on birds of mulga woodland in arid central Australia 2010, 19(7), 949-960

Gillard, P

Comparison of several kinetic approaches to evaluate the pyrolysis of three Mediterranean forest fuels 2011, 20(3), 407-417

### Gilless, JK

Assessing the benefits of reducing fire risk in the wildland-urban interface: a contingent valuation approach **1999**, 9(1), 9-20

#### Gilless, JK

Analysing initial attack on wildland fires using stochastic simulation

2006, 15(1), 137-146

#### Gillon, D

Heat-Transfer in the Soil During Very Low-Intensity Experimental Fires - the Role of **Duff and Soil-Moisture Content 1994**, 4(4), 225-237

#### Gillon, D

Combustion and Nutrient Losses During Laboratory Burns **1995**, 5(1), 1-12

Gimenez, A

Fire regime of a Elionorus muticus Spreng. savanna, western Chaco region, Argentina **2001**, 10(1), 65-72

### Giménez, A

Long-term forest fire retardants: a review of quality effectiveness, application and environmental considerations 2004, 13(1), 1-15

### Girardin, MP

A 229-year dendroclimaticinferred record of forest fire activity for the Boreal Shield of Canada 2006, 15(3), 375-388

### Girardin, MP

Historical fire regime shifts related to climate teleconnections in the Waswanipi area, central Quebec, Canada 2007, 16(5), 607-618

### Girardin, MP

Dendroclimatic inference of wildfire activity in Quebec over the 20th century and implications for natural disturbance-based forest management at the northern limit of the commercial forest 2008, 17(3), 348-362

### Girardin, MP

Spatial variation of trends in wildfire and summer drought in British Columbia, Canada, 1920-2000

2010, 19(3), 272-283

### Girardin, MP

Variation in local weather explains differences in fire regimes within a Québec southeastern boreal forest landscape **2010**, 19(8), 1073-1082

#### Girardin, MP

Will climate change drive 21st century burn rates in Canadian boreal forest outside of its natural variability: collating global climate model experiments with sedimentary charcoal data **2010**, 19(8), 1127-1139

#### Girardin, MP

Wildfires in boreal ecosystems: past, present and some emerging trends **2010**, 19(8), 991-995

#### Gitas, IZ

A semi-automated objectoriented model for burned area mapping in the Mediterranean region using Landsat-TM imagery

**2004**, *13*(3), 367-376

Fire type mapping using objectbased classification of Ikonos imagery

2006, 15(4), 457-462

#### Gitas, IZ

Mapping the severity of fire using object-based classification of IKONOS imagery

2008, 17(3), 431-442

#### Gitas, IZ

Monitoring post-fire regeneration in Mediterranean ecosystems by employing multitemporal satellite imagery **2009**, 18(6), 648-658

# Glenn, NF

Estimation of fire severity using pre- and post-fire LiDAR data in sagebrush steppe rangelands 2009, 18(7), 848-856

# Gobius, N

Manager-based valuations of alternative fire management regimes on Cape York Peninsula, Australia 2008, 17(5), 660-673

### Goergen, EM

Influence of a native legume on soil N and plant response following prescribed fire in sagebrush steppe **2009**, 18(6), 665-675

# Goforth, BR

Spatial distribution and properties of ash and thermally altered soils after high-severity forest fire, southern California 2005, 14(4), 343-354

### Gokhal, B

Assessing the susceptibility of semiarid rangelands to wildfires using Terra MODIS and Landsat Thematic Mapper data 2011, 20(5), 690-701

# Goldammer, JG

Strategy for a Fire Module in Dynamic Global Vegetation Models 1999, 9(1), 79-84

Goldammer, JG

Effects of fire frequency on prescribed fire behaviour and soil temperatures in dry dipterocarp forests **2011**, 20(1), 35-45

#### Gollberg, GE

Introduction: Integrating spatial technologies and ecological principles for a new age in fire management

2001, 10(3&4), 263-265

#### Gomendy, V

Heat-Transfer in the Soil During Very Low-Intensity Experimental Fires - the Role of **Duff and Soil-Moisture Content** 1994, 4(4), 225-237

# Gomendy, V

Combustion and Nutrient Losses During Laboratory Burns

**1995**, 5(1), 1-12

#### Gómez, I

Soil organic matter and aggregates affected by wildfire in a Pinus halenensis forest in a Mediterranean environment 2002, 11(2), 107-114

#### Gómez, I

Microbial recolonization and chemical changes in a soil heated at different temperatures 2005, 14(4), 385-400

### Gómez-González, S

Litter burning does not equally affect seedling emergence of native and alien species of the Mediterranean-type Chilean matorral 2009, 18(2), 213-221

# Gómez-Tejedor, JA

A mesoscale model application to fire weather winds 1999, 9(4), 255-263

## Gonçalves, JC

Laboratory fire spread analysis using visual and infrared images

2006, 15(2), 179-186

# Gong, P

A dynamic algorithm for wildfire mapping with NOAA/AVHRR data 2004, 13(3), 275-285

# Gong, S

Modelling emissions from Canadian wildfires: a case study of the 2002 Quebec fires 2007, 16(6), 649-663

### Gonzales-Caban, A

Estimating the Value of Reducing Fire Hazards to Old-Growth Forests in the Pacific-Northwest - a Contingent Valuation Approach **1994**, 4(4), 209-216

# González, I

Prediction of fire occurrence from live fuel moisture content measurements in a Mediterranean ecosystem 2009, 18(4), 430-441

### González, ME

The historical range of variability of fires in the Andean-Patagonian Nothofagus forest region **2008**, 17(6), 724-741

#### González-Alonso, F

Integration of AWiFS and MODIS active fire data for burn mapping at regional level using the Burned Area Synergic Algorithm (BASA) 2009, 18(4), 404-414

#### González-Cabán, A

'SINAMI': a tool for the economic evaluation of forest fire management programs in Mediterranean ecosystems 2010, 19(7), 927-936

#### González-Doncel, I

Seed provenance and firerelated reproductive traits of Pinus pinaster in central Spain **2009**, 18(8), 1003-1009

### González-Hidalgo, JC

Fuel characteristics and fire behaviour in mature Mediterranean gorse shrublands 2004, 13(1), 79-87

# González-Hidalgo, JC

Fire and torrential rainfall: effects on seedling establishment in Mediterranean gorse shrublands 2005, 14(4), 413-422

### González-Prieto, SJ

Long-term effects of fire and three firefighting chemicals on a soil-plant system **2011**, 20(7), 856-865

### Good, P

The meteorological conditions associated with extreme fire risk in Italy and Greece: relevance to climate model studies

2008, 17(2), 155-165

# Goodman, PS

Determinants of inter-annual variation in the area burnt in a semiarid African sayanna 2011, 20(4), 532-539

### Goodman, PS

Determinants of spatial variation in fire return period in a semiarid African savanna 2011, 20(4), 540-549

### Goodrick, S

Quantifying parametric uncertainty in the Rothermel model

2008, 17(5), 638-649

# Goodrick, S

Smoke incursions into urban areas: simulation of a Georgia prescribed burn 2009, 18(3), 336-348

# Goodrick, SL

Modification of the Fosberg fire weather index to include drought 2002, 11(3&4), 205-211

#### Goodrick, SL

Coherent vortical structures in numerical simulations of buoyant plumes from wildland fires

2005, 14(2), 61-75

#### Goodrick, SL

Evaluation of MM5 model resolution when applied to prediction of National Fire Danger Rating indexes **2006**, *15*(2), 147-154

#### Goodrick, SL

Florida wildfire activity and atmospheric teleconnections **2009**, *18*(4), 476-482

#### Goossens, R

Evaluating Landsat Thematic Mapper spectral indices for estimating burn severity of the 2007 Peloponnese wildfires in Greece

2010, 19(5), 558-569

#### Gorlier, A

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy **2009**, *18*(6), 727-735

# Gosper, CR

Repeated disturbance through chaining and burning differentially affects recruitment among plant functional types in fire-prone heathlands **2010**, *19*(1), 52-62

# Gosper, CR

Contemporary fire regimes in a fragmented and an unfragmented landscape: implications for vegetation structure and persistence of the fire-sensitive malleefowl **2011**, *20*(2), 184-194

# Gottschalk, RM

Effects of exotic grasses on potential fine fuel loads in the groundcover of south Florida slash pine savannas **2001**, *10*(2), 155-159

### Gould, J

A physics-based approach to modelling grassland fires **2007**, *16*(1), 1-22

### Gould, J

Simple models for predicting dead fuel moisture in eucalyptus forests **2010**, *19*(4), 459-467

### Gould, JS

The Influence of Fuel, Weather and Fire Shape Variables on Fire-Spread in Grasslands **1993**, 3(1), 31-44

### Gould, JS

Fire Growth in Grassland Fuels **1995**, *5*(4), 237-247

### Gould, JS

Fire Growth and Acceleration **1997**, 7(1), 1-5

#### Gould, JS

Physical Modelling of Leaf Scorch Height From Prescribed Fires in Young *Eucalyptus Sieberi* Regrowth Forests in South-Eastern Australia **1997**, 7(1), 7-20

#### Gould, JS

Prediction of Fire Spread in Grasslands **1998**, 8(1), 1-13

### Gouma, V

Wildland Fire Danger Zoning – a Methodology **1998**, *8*(1), 37-43

#### Govender, N

The contribution of fire research to fire management: a critical review of a long-term experiment in the Kruger National Park, South Africa **2007**, *16*(5), 519-530

### Gowman, LM

Implications of changing climate for global wildland fire **2009**, *18*(5), 483-507

#### Gracia, M

Factors influencing the pattern of fire severities in a large wildfire under extreme meteorological conditions in the Mediterranean basin **2009**, *18*(7), 755-764

#### Graham, JB

Forest floor fuel dynamics in mixed-oak forests of south-eastern Ohio **2006**, *15*(4), 479-488

### Graham, JM

Analysis of Alaskan burn severity patterns using remotely sensed data **2007**, 16(3), 277-284

### Graham, RC

Spatial distribution and properties of ash and thermally altered soils after high-severity forest fire, southern California **2005**, *14*(4), 343-354

## Grala, K

Spatial and temporal characteristics of wildfires in Mississippi, USA **2010**, *19*(1), 14-28

# Granström, A

Experimental fire behaviour in managed *Pinus sylvestris* and *Picea abies* stands of Finland **2007**, *16*(4), 414-425

# Grant, CD

Prescribed burning of thinning slash in regrowth stands of jarrah (*Eucalyptus marginata*) following bauxite mining in south-west Australia **2010**, 19(6), 737-745

### Grasso, GM

Effects of Heating on the Microbial Populations of a Grassland Soil **1996**, *6*(2), 67-70

### Grayzeck-Souter, S

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

### Grayzeck-Souter, SA

Interpreting federal policy at the local level: the wildland–urban interface concept in wildfire protection planning in the eastern United States **2009**, *18*(3), 278-289

#### Green, K

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, *17*(6), 793-808

#### Greene, DF

Does the post-fire organic layer compress beneath the snowpack? **2010**, *19*(5), *673-676* 

#### Greenfield, JR

The Oklahoma Fire Danger Model: An operational tool for mesoscale fire danger rating in Oklahoma

2002, 11(3&4), 183-191

# Greenville, AC

The fire history of an arid grassland: the influence of antecedent rainfall and ENSO **2009**, 18(6), 631-639

#### Greer, J

A primer on mapping vegetation using remote sensing **2001**, *10*(3&4), 277-287

### Grego, JM

The wildland fuel cell concept: an approach to characterize fine-scale variation in fuels and fire in frequently burned longleaf pine forests **2009**, *18*(3), 315-325

### Grenfell, IC

An examination of fire spread thresholds in discontinuous fuel beds

**2010**, 19(2), 163-170

# Grigg, AH

Prescribed burning of thinning slash in regrowth stands of jarrah (*Eucalyptus marginata*) following bauxite mining in south-west Australia **2010**, 19(6), 737-745

# Grissino-Mayer, HD

Modeling fire interval data from the American southwest with the Weibull distribution **1999**, *9*(1), 37-50

# Groen, AH

Effectiveness of aerial seeding and straw mulch for reducing post-wildfire erosion, northwestern Montana, USA **2008**, *17*(5), 559-571

### Groeschl, DA

Early Vegetative Response to Wildfire in a Table Mountain-Pitch Pine Forest 1992, 2(4), 177-184

#### Groeschl, DA

Wildfire Effects on Forest Floor and Surface Soil in a Table Mountain Pine-Pitch Pine Forest 1993, 3(3), 149-154

#### Guerra, J

Stages of Bryophyte Succession After Fire in Mediterranean Forests (SE Spain) 1994, 4(1), 33-44

#### Guerrero, C

Soil organic matter and aggregates affected by wildfire in a *Pinus halepensis* forest in a Mediterranean environment **2002**, *11*(2), 107-114

### Guerrero, C

Microbial recolonization and chemical changes in a soil heated at different temperatures **2005**, *14*(4), 385-400

### Guertin, DP

Improved Fire Growth Modeling **1992**, *2*(2), 47-54

#### Guertin, DP

FIREMAP - Simulation of Fire Growth With a Geographic Information System 1992, 2(2), 87-96

## Guijarro, M

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds **2009**, *18*(8), 951-969

# Guijarro, M

Flammability descriptors of fine dead fuels resulting from two mechanical treatments in shrubland: a comparative laboratory study **2010**, 19(3), 314-324

# Guinot, JP

A Satellite Index of Risk of Forest Fire Occurrence in Summer in the Mediterranean Area 1998, 8(4), 173-182

### Gumpertz, ML

Spatio-temporal analysis of wildfire ignitions in the St Johns River Water Management District, Florida **2006**, *15*(1), 87-97

# Gurgel Veras, CA

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire **2010**, 19(6), 795-799

### Guyette, RP

Fire scars reveal source of New England's 1780 Dark Day **2007**, *16*(3), 266-270

### Haase, SM

The Effects of Repeated Prescribed Burning on *Pinus* ponderosa Growth **1994**, 4(4), 239-247

#### Hachmi, M

Alternative equations to estimate the surface-to-volume ratio of different forest fuel particles

**2011**, 20(5), 648-656

#### Hagen, E

*Bromus tectorum* cover mapping and fire risk **2006**, *15*(1), 113-119

#### Hajny, KM

Rhus glabra response to season and intensity of fire in tallgrass prairie

2011, 20(5), 709-720

#### Hall, BI.

Precipitation associated with lightning-ignited wildfires in Arizona and New Mexico **2007**, *16*(2), 242-254

#### Hall, BL

Fire ignitions related to radar reflectivity patterns in Arizona and New Mexico **2008**, *17*(3), 317-327

### Hall, RJ

Estimating direct carbon emissions from Canadian wildland fires **2007**, *16*(5), 593-606

#### TT-11 D

Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results **2008**, *17*(4), 443-462

### Hall, RJ

Remote sensing of burn severity: experience from western Canada boreal fires **2008**, 17(4), 476-489

### Hall, RJ

Large fires as agents of ecological diversity in the North American boreal forest **2008**, *17*(6), 754-767

# Hall, TE

Career stages in wildland firefighting: implications for voice in risky situations **2011**, *20*(1), 115-124

### Hallett, DJ

Peak detection in sediment—charcoal records: impacts of alternative data analysis methods on fire-history interpretations **2010**, *19*(8), 996-1014

- - , - (- ,

# Halofsky, JE

Relationships among indices of fire severity in riparian zones **2009**, *18*(5), 584-593

### Hamilton, A

Using visual obstruction to estimate heathland fuel load and structure

**2008**, *17*(3), 380-389

### Hammer, RB

Wildland–urban interface housing growth during the 1990s in California, Oregon, and Washington **2007**, 16(3), 255-265

#### Hammill, KA

Remote sensing of fire severity in the Blue Mountains: influence of vegetation type and inferring fire intensity **2006**, *15*(2), 213-226

#### Hanley, DE

Florida wildfire activity and atmospheric teleconnections **2009**, *18*(4), 476-482

### Hann, WJ

Fire and land management planning and implementation across multiple scales **2001**, *10*(3&4), 389-403

#### Hanna, I.

Predicting and mitigating weed invasions to restore natural post-fire succession in Mesa Verde National Park, Colorado, USA **2006**, *15*(2), 247-259

### Hannon, GE

The role of fire in southern Scandinavian forests during the late Holocene **2010**, 19(8), 1040-1049

#### Hanson, CT

Post-fire epicormic branching in Sierra Nevada *Abies concolor* (white fir)

**2006**, 15(1), 31-35

#### Hanson, CT

Post-fire survival and flushing in three Sierra Nevada conifers with high initial crown scorch **2009**, 18(7), 857-864

# Hardy, CC

Modeling Smoldering Emissions From Prescribed Broadcast Burns in the Pacific-Northwest

**1994**, 4(3), 135-142

## Hardy, CC

Mapping fire regimes across time and space: Understanding coarse and fine-scale fire patterns

**2001**, 10(3&4), 329-342

## Hardy, CC

Spatial data for national fire planning and fuel management **2001**, *10*(3&4), 353-372

## Hardy, CC

Fire danger rating in the United States of America: an evolution since 1916

**2007**, 16(2), 217-231

# Hardy, CE

Fire danger rating in the United States of America: an evolution since 1916

2007, 16(2), 217-231

# Harrington, MG

Predicting *Pinus ponderosa*Mortality From Dormant
Season and Growing-Season
Fire Injury
1993, 3(2), 65-72

#### Harris, AJL

Towards Automated Fire Monitoring From Space: Semi-Automated Mapping of the January 1994 New South Wales Wildfires Using AVHRR Data. **1996**, *6*(3), 107-116

#### Harris, S

The relationship between the monsoonal summer rain and dry-season fire activity of northern Australia **2008**, *17*(5), 674-684

#### Harrod, RJ

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

#### Harrod, RJ

Impacts of erosion control treatments on native vegetation recovery after severe wildfire in the Eastern Cascades, USA **2010**, *19*(4), 490-499

#### Hartford, RA

When It's Hot... Or Maybe It's Not! (Surface Flaming May Not Portend Extensive Soil Heating) 1992, 2(3), 139-144

### Hartnett, DC

Rhus glabra response to season and intensity of fire in tallgrass prairie

**2011**, 20(5), 709-720

#### Hartskeerl, K

Does firefighting foam affect the growth of some Australian native plants? **2004**, *13*(3), 335-341

### Hartzell, T

Changing fuel management strategies - The challenge of meeting new information and analysis needs

**2001**, 10(3&4), 267-275

# Harvey, SD

Forecasting diurnal variations in fire intensity to enhance wildland firefighter safety **2002**, *11*(3&4), 173-182

# Hatten, JA

Fire severity effects on soil organic matter from a ponderosa pine forest: a laboratory study **2010**, *19*(5), 613-623

### Hatzopoulos, J

Integrating new methods and tools in fire danger rating **2007**, *16*(3), 306-316

### Hauer, FF

Phosphorus and Nitrogen Dynamics in Streams Associated With Wildfire: a Study of Immediate and Longterm Effects 1998, 8(4), 183-198

# Haughland, DL

Small mammal communities in a pyrogenic habitat mosaic **2007**, *16*(6), 728-740

#### Hauser, P

A tale of two parks: contemporary fire regimes of Litchfield and Nitmiluk National Parks, monsoonal northern Australia **2001**, 10(1), 79-89

#### Hawbaker, TJ

Predicting spatial patterns of fire on a southern California landscape **2008**, *17*(5), 602-613

#### He, HS

Long-term forest landscape responses to fire exclusion in the Great Xing'an Mountains, China **2007**, *16*(1), 34-44

. . . .

### Heath, B

Contemporary fire regimes of northern Australia, 1997–2001: change since Aboriginal occupancy, challenges for sustainable management **2003**, *12*(3&4), 283-297

#### Heathcott, M

Lightning and lightning fire, central cordillera, Canada **2002**, *11*(1), 41-51

#### Heikkinen, J

Declining fires in *Larix*-dominated forests in northern Irkutsk district **2011**, 20(2), 248-254

# Heilman, WE

Simulations of Horizontal Roll Vortex Development Above Lines of Extreme Surface Heating 1992, 2(2), 55-68

# Heilman, WE

Atmospheric Simulations of Extreme Surface Heating Episodes on Simple Hills 1992, 2(3), 99-114

# Heilman, WE

A Synoptic Climatology for Forest-Fires in the NUS and Future Implications From GCM Simulations 1994, 4(4), 217-224

# Heilman, WE

Turbulent kinetic energy during wildfires in the north central and north-eastern US **2010**, *19*(3), 346-363

### Heinlein, TA

Assessing fire regimes on Grand Canyon landscapes with fire-scar and fire-record data **2003**, *12*(2), 129-145

### Heinlein, TA

Fire history and stand structure of two ponderosa pine-mixed conifer sites: San Francisco Peaks, Arizona, USA **2005**, *14*(3), 307-320

# Heinlein, TA

Fire histories in ponderosa pine forests of Grand Canyon are well supported: reply to Baker **2006**, *15*(3), 439-445

#### Heinze, DA

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity 2008, 17(6), 793-808

#### Helbig, M

Effect of oxygen deprivation on soil hydrophobicity during heating

2005, 14(4), 449-455

#### Hély, C

Landscape composition influences local pattern of fire size in the eastern Canadian boreal forest: role of weather and landscape mosaic on fire size distribution in mixedwood boreal forest using the Prescribed Fire Analysis System 2010, 19(8), 1099-1109

Hély, C

Wildfires in boreal ecosystems: past, present and some emerging trends **2010**, 19(8), 991-995

#### Hempel, C

A tale of two parks: contemporary fire regimes of Litchfield and Nitmiluk National Parks, monsoonal northern Australia 2001, 10(1), 79-89

#### Henderson, MK

Prescribed burning: how can it work to conserve the things we value?

2011, 20(6), 721-733

### Henderson, SB

The validity and utility of MODIS data for simple estimation of area burned and aerosols emitted by wildfire events

2010, 19(7), 844-852

### Hendricks, JJ

Season of burn and nutrient losses in a longleaf pine ecosystem

**2004**, 13(4), 443-453

# Hendrie, AL

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools **1997**, 7(2), 105-118

### Hendrie, AL

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires **1997**, 7(2), 119-131

### Hendrie, AL

Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires **1997**, 7(2), 133-144

#### Hendrie, AL

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland

**1997**, 7(2), 145-158

#### Hendrie, AL

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 159-166

### Hendrie, AL

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 167-180

#### Hendrie, AL

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 181-199

### Hendrie, AL

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing 1997, 7(2), 201-206

#### Hendrie, AL

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing 1997, 7(2), 207-218

# Hendrie, AL

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer Bushfires With Hand Tools: Background, Objectives, and Methods **1997**, 7(2), 69-76

### Hendrie, AL

Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe **1997**, 7(2), 77-85

### Hendrie, AL

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest **1997**, 7(2), 87-98

# Hendrie, AL

Project Aquarius 4. Experimental Bushfires. Suppression Procedures, and Measurements 1997, 7(2), 99-104

#### Hendrie, AL

Corrigendum to: Stress, strain, and productivity in men suppressing wildland fires with hand tools. International Journal of Wildland Fire, 7(2) (June 1997), pp. 69-218. Special Issue: 'Project Aquarius. Stress, strain and productivity in wildland firefighters 2004, 13(3), 387-390

### Henry, MC

Factors influencing wildfire occurrence and distribution in eastern Kentucky, USA 2007, 16(1), 23-33

#### Herd, EPK

Assessing the exposure of the built environment to potential ignition sources generated from vegetative fuel 2010, 19(3), 299-313

Hernández Clemente, R Monitoring post-fire regeneration in Mediterranean ecosystems by employing multitemporal satellite imagery

2009, 18(6), 648-658

### Hernando, C

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds **2009**, 18(8), 951-969

### Hernando, C

Flammability descriptors of fine dead fuels resulting from two mechanical treatments in shrubland: a comparative laboratory study 2010, 19(3), 314-324

### Herr, DG

Effect of Prescribed Burning on the Ectomycorrhizal Infectivity of a Forest Soil 1994, 4(2), 95-102

### Herranz, JM

Stages of Bryophyte Succession After Fire in Mediterranean Forests (SE Spain) **1994**, 4(1), 33-44

# Herranz, JM

The Role of Soil Seed Bank in the Early Stages of Plant Recovery After Fire in a Pinus Pinaster Forest in SE Spain **1996**, 6(1), 31-35

### Herranz, JM

Influence of heat on seed germination of nine woody Cistaceae species **1999**, 9(3), 173-182

El Niño and its impact on fire weather conditions in Alaska **2001**, 10(1), 1-13

### Hesseln, H

Economic analysis of geospatial technologies for wildfire suppression 2010, 19(4), 468-477

# Hessl, AE

Climate drivers of regionally synchronous fires in the inland Northwest (1651–1900) 2008, 17(1), 40-49

#### Hewson, J

Global fire activity from two years of MODIS data **2005**, 14(2), 117-130

#### Heyerdahl, EK

Climate effects on historical fires (1630-1900) in Utah 2008, 17(1), 28-39

### Heyerdahl, EK

Climate drivers of regionally synchronous fires in the inland Northwest (1651-1900) 2008, 17(1), 40-49

# Heyerdahl, EK

Fine-scale variation of historical fire regimes in sagebrush-steppe and juniper woodland: an example from California, USA 2008, 17(2), 245-254

### Hibbs, DE

Relationships among indices of fire severity in riparian zones **2009**, 18(5), 584-593

#### Hicke, JA

Large fires as agents of ecological diversity in the North American boreal forest 2008, 17(6), 754-767

The wildland fuel cell concept: an approach to characterize fine-scale variation in fuels and fire in frequently burned longleaf pine forests 2009, 18(3), 315-325

### Hiers, JK

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics 2009, 18(6), 676-685

## Higgins, A

An optimisation modelling approach to seasonal resource allocation for planned burning 2011, 20(2), 175-183

# Higgins, KB

A Computer-Based System for Fire Management in the Mountains of the Cape Province, South-Africa **1994**, 4(1), 17-32

### Higgins, SI

Physically motivated empirical models for the spread and intensity of grass fires 2008, 17(5), 595-601

# Higuera, PE

Peak detection in sedimentcharcoal records: impacts of alternative data analysis methods on fire-history interpretations 2010, 19(8), 996-1014

# Hilbruner, MW

Changing fuel management strategies - The challenge of meeting new information and analysis needs

2001, 10(3&4), 267-275

#### Hill, GJ

Remote sensing of fire regimes in semi-arid Nusa Tenggara Timur, eastern Indonesia: current patterns, future prospects

**2006**, 15(3), 307-317

### Hill, RW

Bromus tectorum cover mapping and fire risk **2006**, 15(1), 113-119

Fuel load, humus consumption and humus moisture dynamics in Central European Scots pine stands

2005, 14(2), 153-159

#### Hirsch, KG

A Review of Initial Attack Fire Crew Productivity and Effectiveness 1996, 6(4), 199-215

Hoadley, JL

Evaluation of MM5 model resolution when applied to prediction of National Fire Danger Rating indexes 2006, 15(2), 147-154

### Hobbs, MW

Predicting the Height to Live Crown Base in Plantations of Four Boreal Forest Species 1994, 4(2), 103-106

### Hobbs, MW

The effect of fire front width on surface fire behaviour 1999, 9(4), 247-253

# Hogoboom, B

Vegetation and topographical correlates of fire severity from two fires in the Klamath-Siskiyou region of Oregon and California

**2006**, 15(2), 237-245

Regional-scale weather patterns and wildland fires in central Portugal **2009**, 18(1), 36-49

# Holcombe, BV

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing **1997**, 7(2), 207-218

### Holden, ZA

Remote sensing techniques to assess active fire characteristics and post-fire effects **2006**, 15(3), 319-345

### Holden, ZA

Beyond Landsat: a comparison of four satellite sensors for detecting burn severity in ponderosa pine forests of the Gila Wilderness, NM, USA 2010, 19(4), 449-458

# Holden, ZA

Using fuzzy C-means and local autocorrelation to cluster satellite-inferred burn severity

2010, 19(7), 853-860

#### Hollis, JJ

A simple method for fieldbased grassland curing assessment

**2011**, 20(6), 804-814

### Holman, JO

Temporal and spatial structure in a daily wildfire-start data set from the western United States (1986 - 96)

2008, 17(1), 8-17

#### Holmes, TP

Spatially explicit forecasts of large wildland fire probability and suppression costs for California

2011, 20(4), 508-517

#### Holz, A

The historical range of variability of fires in the Andean-Patagonian Nothofagus forest region 2008, 17(6), 724-741

#### Hom, J

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens 2009, 18(3), 268-277

### Hood, SM

Evaluation of a post-fire tree mortality model for western USA conifers **2007**, 16(6), 679-689

#### Hood, SM

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA 2011, 20(2), 255-271

## Hope, AS

Effect of fire weather, fuel age and topography on patterns of remnant vegetation following a large fire event in southern California, USA 2010, 19(4), 415-426

### Hoschke, BN

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing **1997**, 7(2), 207-218

### Hoscilo, A

Effect of repeated fires on landcover change on peatland in southern Central Kalimantan. Indonesia, from 1973 to 2005 **2011**, 20(4), 578-588

# Hostetler, SW

Temporal and spatial structure in a daily wildfire-start data set from the western United States (1986-96)

2008, 17(1), 8-17

### Houssard, C

Heat-Transfer in the Soil During Very Low-Intensity Experimental Fires - the Role of **Duff and Soil-Moisture Content** 1994, 4(4), 225-237

#### Houssard, C

Combustion and Nutrient Losses During Laboratory Burns

**1995**, 5(1), 1-12

### Hoy, EE

Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results 2008, 17(4), 443-462

#### Hoy, EE

Evaluating the potential of Landsat TM/ETM+ imagery for assessing fire severity in Alaskan black spruce forests **2008**, 17(4), 500-514

### Hoy, EE

Evaluation of the composite burn index for assessing fire severity in Alaskan black spruce forests **2008**, 17(4), 515-526

#### Hoy, EE

Seasonal and topographic effects on estimating fire severity from Landsat TM/ETM+ data 2008, 17(4), 527-534

### Hoy, EE

Mapping burned area in Alaska using MODIS data: a data limitations-driven modification to the regional burned area algorithm

2011, 20(4), 487-496

#### Hu, Y

Long-term forest landscape responses to fire exclusion in the Great Xing'an Mountains, China

2007, 16(1), 34-44

### Huang, C-H

Rapid locating of fire points from Formosat-2 high spatial resolution imagery: example of the 2007 California wildfire 2009, 18(4), 415-422

# Huang, Z

Detection of non-linearities in the dependence of burn area on fuel age and climatic variables **2003**, 12(1), 1-6

### Hubbert, KR

Lethal soil temperatures during burning of masticated forest residues

2005, 14(3), 267-276

### Hubbert, KR

Spatial distribution and properties of ash and thermally altered soils after high-severity forest fire, southern California 2005, 14(4), 343-354

### Hubbert, KR

Temporal fluctuations in soil water repellency following wildfire in chaparral steeplands, southern California 2005, 14(4), 439-447

#### Hudak, AT

Estimating combustion of large downed woody debris from residual white ash 2005, 14(3), 245-248

### Hudak, AT

Remote sensing techniques to assess active fire characteristics and post-fire effects 2006, 15(3), 319-345

#### Hudak, AT

Remote sensing for prediction of 1-year post-fire ecosystem condition 2009, 18(5), 594-608

Spectral analysis of charcoal on soils: implicationsfor wildland fire severity mapping methods 2010, 19(7), 976-983

#### Hudak, AT

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA 2011, 20(2), 255-271

#### Hudson, M

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia 2009, 18(1), 84-95

#### Hufford, GL

Detection and growth of an Alaskan forest fire using GOES-9 3.9 µm imagery **1999**, 9(2), 129-136

# Hufford, GL

El Niño and its impact on fire weather conditions in Alaska **2001**, 10(1), 1-13

## Humphreys, GS

Heating effects on water repellency in Australian eucalypt forest soils and their value in estimating wildfire soil temperatures **2004**, *13*(2), 157-163

# Hungerford, R

Factors affecting sustained smouldering in organic soils from pocosin and pond pine woodland wetlands **2007**, 16(1), 107-118

### Hungerford, RD

Measuring duff moisture content in the field using a portable meter sensitive to dielectric permittivity 2004, 13(3), 343-353

Where's the fire? Quantifying uncertainty in a wildfire threat model 2004, 13(1), 17-25

### Hunter, ME

Establishment of non-native plant species after wildfires: effects of fuel treatments, abiotic and biotic factors, and post-fire grass seeding treatments 2006, 15(2), 271-281

Hunter, ME

Recent trends in post-wildfire seeding in western US forests: costs and seed mixes **2011**, *20*(5), 702-708

### Hussaini, MY

Coherent vortical structures in numerical simulations of buoyant plumes from wildland fires

2005, 14(2), 61-75

#### Hussaini, MY

Quantifying parametric uncertainty in the Rothermel model

2008, 17(5), 638-649

#### Hutchinson, TF

A comparison of thermocouples and temperature paints to monitor spatial and temporal characteristics of landscapescale prescribed fires **2004**, *13*(3), 311-322

#### Hutley, LB

Fire impacts on surface heat, moisture and carbon fluxes from a tropical savanna in northern Australia **2003**, *12*(3&4), 333-340

### Hyde, JC

The combustion of sound and rotten coarse woody debris: a review

2011, 20(2), 163-174

### Hyde, KD

Integrating fuel treatment into ecosystem management: a proposed project planning process

**2010**, 19(6), 725-736

### Hyde, KD

Built structure identification in wildland fire decision support **2011**, *20*(1), 78-90

### Ichoku, C

The validity and utility of MODIS data for simple estimation of area burned and aerosols emitted by wildfire events

**2010**, 19(7), 844-852

### In, H-J

Validation of the Haines Index predicted from real-time high-resolution MM5 forecasts using rawinsonde observations over the eastern half of the USA **2005**, *14*(3), 233-244

# Inbar, M

Soil Erosion and Forestry Management After Wildfire in a Mediterranean Woodland, Mt. Carmel, Israel **1997**, 7(4), 285-294

# Isackson, C

Flame interactions and burning characteristics of two live leaf samples

**2009**, 18(7), 865-874

### Isackson, C

Experimental measurements during combustion of moist individual foliage samples **2010**, *19*(2), 153-162

### Ive, JR

Fire Planning for Wildlife Management - a Decision-Support System for Nadgee-Nature-Reserve, Australia **1994**, 4(2), 107-121

#### Ive, JR

Fire Planning for Wildlife Management: A Reply to Whelan and Baker (1996). **1996**, *6*(1), 3-4

### Iverson, LR

A comparison of thermocouples and temperature paints to monitor spatial and temporal characteristics of landscapescale prescribed fires **2004**, *13*(3), 311-322

#### Izhaki, I

Post-Fire Arthropod Assemblages in Mediterranean Forest Soils in Israel 1997, 7(4), 317-325

#### Izhaki, I

The Effects of Post-Fire Management on Bird Community Succession **1997**, 7(4), 335-342

#### Jabrzemski, R

Application of the Nelson model to four timelag fuel classes using Oklahoma field observations: model evaluation and comparison with National Fire Danger Rating System algorithms

**2007**, 16(2), 204-216

#### Jackson, PL

The validity and utility of MODIS data for simple estimation of area burned and aerosols emitted by wildfire events

2010, 19(7), 844-852

### Jackson, WA

Smoke incursions into urban areas: simulation of a Georgia prescribed burn **2009**, *18*(3), 336-348

### Jacobson, C

Estimation of vegetative fuel loads using Landsat TM imagery in New South Wales, Australia **2003**, *12*(2), 185-194

# Jacobson, CR

Use of linguistic estimates and vegetation indices to assess post-fire vegetation regrowth in woodland areas

**2010**, 19(1), 94-103

### Jacoby, PW

Honey Mesquite Canopy Responses to Single Winter Fires: Relation to Herbaceous Fuel, Weather and Fire Temperature 1998, 8(4), 241-252

### Jakes, I

Interpreting federal policy at the local level: the wildland–urban interface concept in wildfire protection planning in the eastern United States **2009**, *18*(3), 278-289

### Jakes, PJ

Adoption and perceptions of shelter-in-place in California's Rancho Santa Fe Fire Protection District **2010**, 19(6), 677-688

#### Jakes, PJ

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

#### Jakober, M

Effects of wildfire on stream temperatures in the Bitterroot River Basin, Montana **2011**, *20*(2), 240-247

#### Janis, MJ

Near-real time mapping of Keetch-Byram drought index in the south-eastern United States **2002**, 11(3&4), 281-289

#### Janssen, V

Implementation of quantitative bushfire risk analysis in a GIS environment **2010**, *19*(5), 649-658

#### Jappiot, M

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds **2009**, *18*(8), 951-969

#### Jass, RB

Paired charcoal and tree-ring records of high-frequency Holocene fire from two New Mexico bog sites **2008**, *17*(1), 115-130

# Jass, RB

Holocene vegetation and fire regimes in subalpine and mixed conifer forests, southern Rocky Mountains, USA **2008**, *17*(1), 96-114

### Iaven K

Tree mortality and snag dynamics in North American boreal tree species after a wildfire: a long-term study **2011**, 20(6), 751-763

# Jeffery, SE

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools 1997, 7(2), 105-118

# Jeffery, SE

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires 1997, 7(2), 119-131

# Jeffery, SE

Project Aquarius 7.
Physiological and Subjective
Responses of Men Suppressing
Wildland Fires
1997, 7(2), 133-144

### Jeffery, SE

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland Fires 1997, 7(2), 145-158

### Jeffery, SE

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 159-166

#### Jeffery, SE

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 167-180

#### Jeffery, SE

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 181-199

### Jeffery, SE

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing 1997, 7(2), 201-206

### Jeffery, SE

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing 1997, 7(2), 207-218

# Jeffery, SE

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer Bushfires With Hand Tools: Background, Objectives, and Methods 1997, 7(2), 69-76

# Jeffery, SE

Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe 1997, 7(2), 77-85

### Jeffery, SE

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest 1997, 7(2), 87-98

# Jeffery, SE

Project Aquarius 4. Experimental Bushfires, Suppression Procedures, and Measurements 1997, 7(2), 99-104

### Jenkins, MA

A Coupled Atmosphere-Fire Model: Role of the Convective Froude Number and Dynamic Fingering at the Fireline **1996**, *6*(4), 177-190

#### Jenkins, MA

An examination of the sensitivity of numerically simulated wildfires to low-level atmospheric stability and moisture, and the consequences for the Haines Index **2002**, *11*(3&4), 213-232

#### Jenkins, MA

Investigating the Haines Index using parcel model theory **2004**, *13*(3), 297-309

#### Jenkins, MA

A physics-based approach to modelling grassland fires **2007**, *16*(1), 1-22

#### Jenkins, MA

The importance of fire—atmosphere coupling and boundary-layer turbulence to wildfire spread **2009**, *18*(1), 50-60

### Jenkins, SE

Late Holocene geomorphic record of fire in ponderosa pine and mixed-conifer forests, Kendrick Mountain, northern Arizona, USA **2011**, *20*(1), 125-141

### Jiang, Y

Characterization of wildfire regimes in Canadian boreal terrestrial ecosystems **2009**, *18*(8), 992-1002

### Jimenez, DJ

Prediction and measurement of thermally induced cambial tissue necrosis in tree stems **2006**, *15*(1), 3-17

### Jimenez, E

Quantifying parametric uncertainty in the Rothermel model **2008**, *17*(5), 638-649

### Jiménez, E

Effectiveness of three post-fire treatments at reducing soil erosion in Galicia (NW Spain) **2011**, *20*(1), 104-114

## Jiménez, E

Exploring three-dimensional coupled fire-atmosphere interactions downwind of wind-driven surface fires and their influence on backfires using the HIGRAD-FIRETEC model **2011**, 20(6), 734-750

# Jiménez, E

Effects of soil burn severity on germination and initial establishment of maritime pine seedlings, under greenhouse conditions, in two contrasting experimentally burned soils **2011**, *20*(2), 209-222

### Jin, JZ

Wildfires and the Canadian Forest Fire Weather Index system for the Daxing'anling region of China **2011**, 20(8), 963-973

#### Jirik, SJ

Postfire Defoliation Response of Agropyron spicatum and Sitanion hystrix 1994, 4(2), 77-82

### Johnson, A

Application of NDVI for predicting fuel curing at landscape scales in northern Australia: can remotely sensed data help schedule fire management operations? **2003**, *12*(3&4), 299-308

#### Johnson, AF

Sampling Intensity for Estimating Fuel Moisture Content in Lodgepole Pine and White Spruce Trees 1992, 2(1), 1-6

#### Johnson, JE

Early Vegetative Response to Wildfire in a Table Mountain-Pitch Pine Forest **1992**, *2*(4), 177-184

### Johnson, JE

Wildfire Effects on Forest Floor and Surface Soil in a Table Mountain Pine-Pitch Pine Forest 1993, 3(3), 149-154

### Johnson, JF

Living with fire: homeowner assessment of landscape values and defensible space in Minnesota and Florida, USA **2004**, *13*(4), 413-425

#### Johnson, MB

Near-real time mapping of Keetch-Byram drought index in the south-eastern United States **2002**, 11(3&4), 281-289

## Johnson, P

Integrating values and risk perceptions into a decision support system **2010**, *19*(1), 123-136

### Johnston, P

Efficient simulation of wildfire spread on an irregular grid **2008**, *17*(5), 614-627

# Johnstone, JF

Response of boreal plant communities to variations in previous fire-free interval **2006**, *15*(4), 497-508

# Johnstone, JF

How does increased fire frequency affect carbon loss from fire? A case study in the northern boreal forest **2011**, *20*(7), 829-837

### Jolly, WM

Sensitivity of a surface fire spread model and associated fire behaviour fuel models to changes in live fuel moisture **2007**, *16*(4), 503-509

# Jones, DL

Honey Mesquite Canopy Responses to Single Winter Fires: Relation to Herbaceous Fuel, Weather and Fire Temperature **1998**, 8(4), 241-252

#### Jones, JG

Integrating fuel treatment into ecosystem management: a proposed project planning process

**2010**, 19(6), 725-736

#### Jones, JL

Prediction and measurement of thermally induced cambial tissue necrosis in tree stems **2006**, *15*(1), 3-17

#### Jones, SD

Where's the fire? Quantifying uncertainty in a wildfire threat model

2004, 13(1), 17-25

#### Jordán, MM

Microbial recolonization and chemical changes in a soil heated at different temperatures **2005**, *14*(4), 385-400

### Josa, R

Soil responses to fire in Mediterranean forest landscapes in relation to the previous stage of land abandonment **2009**, *18*(2), 222-232

#### Juang, H

NCEP–ECPC monthly to seasonal US fire danger forecasts **2010**, *19*(4), 399-414

#### Junor, DR

Comparing landscape-based decision rules for placement of fuel treatments in the boreal mixedwood of western Canada **2007**, *16*(6), 664-672

# Justice, CO

A review of current space-based fire monitoring in Australia and the GOFC/GOLD program for international coordination **2003**, *12*(3&4), 247-258

### Justice, CO

Global fire activity from two years of MODIS data **2005**, *14*(2), 117-130

### Justice, CC

Global assessment of the temporal reporting accuracy and precision of the MODIS burned area product **2010**, *19*(6), 705-709

# Kafka, V

Fire impacts and crowning in the boreal forest: study of a large wildfire in western Quebec **2001**, 10(2), 119-127

### Kafka, VG

Comparing landscape-based decision rules for placement of fuel treatments in the boreal mixedwood of western Canada **2007**, *16*(6), 664-672

# Kaiden, JD

Built structure identification in wildland fire decision support **2011**, *20*(1), 78-90

### Kaiser, J

Time series of chaparral live fuel moisture maps derived from MODIS satellite data **2006**, *15*(3), 347-360

#### Kaiss, A

Spectral emission of flames from laboratory-scale vegetation fires **2009**, *18*(7), 875-884

### Kalabokidis, K

Integrating new methods and tools in fire danger rating **2007**, *16*(3), 306-316

#### Kalabokidis, KD

Quadrat Analysis of Wildland Fuel Spatial Variability 1992, 2(4), 145-152

#### Kalabokidis, KD

Reduction of Fire Hazard Through Thinning/Residue Disposal in the Urban Interface 1998, 8(1), 29-35

### Kallos, G

Integrating new methods and tools in fire danger rating **2007**, *16*(3), 306-316

## Kalmbacher, R

Response of Creeping Bluestem to Varying Month of Burn and Soil-Water Conditions 1995, 5(2), 93-99

#### Kane, ES

Evaluation of the composite burn index for assessing fire severity in Alaskan black spruce forests **2008**, *17*(4), 515-526

### Kane, JM

Novel fuelbed characteristics associated with mechanical mastication treatments in northern California and southwestern Oregon, USA 2009, 18(6), 686-697

# Kanjanakunchorn, S

A Low Pressure Soaker Hose Containment System for Wildland Fires 1992, 2(4), 185-191

# Karagiannopoulos, CG

A model for calculating the temperature of aluminium particles ejected from overhead low-voltage lines owing to a short-circuit **2009**, *18*(6), 722-726

### Karau, EC

Burn severity mapping using simulation modelling and satellite imagery **2010**, *19*(6), 710-724

## Kasischke, ES

Mapping the Location of Wildfires in Alaskan Boreal Forests Using AVHRR Imagery 1995, 5(2), 55-62

# Kasischke, ES

Evaluation of ERS SAR data for prediction of fire danger in a Boreal region **1999**, 9(3), 183-194

### Kasischke, ES

Analysis of the patterns of large fires in the boreal forest region of Alaska **2002**, *11*(2), 131-144

Kasischke, ES

The spatial and temporal distribution of fires on Sakhalin Island, Russia **2007**, *16*(5), 556-562

Kasischke, ES

Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results **2008**, *17*(4), 443-462

Kasischke, ES

Evaluating the potential of Landsat TM/ETM+ imagery for assessing fire severity in Alaskan black spruce forests **2008**, 17(4), 500-514

Kasischke, ES

Evaluation of the composite burn index for assessing fire severity in Alaskan black spruce forests

**2008**, 17(4), 515-526

Kasischke, ES

Seasonal and topographic effects on estimating fire severity from Landsat TM/ETM+ data **2008**, *17*(4), 527-534

Kasischke, ES

Mapping burned area in Alaska using MODIS data: a data limitations-driven modification to the regional burned area algorithm 2011, 20(4), 487-496

Kaufman, DS

Late Holocene geomorphic record of fire in ponderosa pine and mixed-conifer forests, Kendrick Mountain, northern Arizona, USA **2011**, 20(1), 125-141

Kavgacı, A

Long-term post-fire succession of *Pinus brutia* forest in the east Mediterranean **2010**, *19*(5), 599-605

Kawakami, S

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia **2003**, *12*(3&4), 271-281

Kaye, JP

Future climate affects management strategies for maintaining forest restoration treatments

**2010**, 19(7), 903-913

Kazakis, G

Evaluation of forest fire retardant removal from forest fuels by rainfall **2006**, *15*(3), 293-297

Kazakis, G

Investigation of the wind speed threshold above which discarded cigarettes are likely to be moved by the wind **2006**, *15*(4), 567-576

Kazanis, D

Vegetation Composition in a Post-Fire Successional Gradient of *Pinus Halepensis* Forests in Attica, Greece **1996**, *6*(2), 83-91

Keane, R

Strategy for a Fire Module in Dynamic Global Vegetation Models 1999, 9(1), 79-84

Keane, RE

Mapping wildland fuels for fire management across multiple scales: Integrating remote sensing, GIS, and biophysical modeling

**2001**, 10(3&4), 301-319

Keane, RE Modelin

Modeling fire effects **2001**, *10*(3&4), 373-380

Keane, RE

Using simulation to map fire regimes: an evaluation of approaches, strategies, and limitations **2003**, *12*(3&4), 309-322

(---,

Keane, RE

A comparison of five sampling techniques to estimate surface fuel loading in montane forests **2008**, *17*(3), 363-379

Keane, RE

Ecological effects of large fires on US landscapes: benefit or catastrophe? **2008**, *17*(6), 696-712

Keane, RE

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape–fire–succession models

**2009**, 18(2), 147-156

Keane, RE

A surface fuel classification for estimating fire effects **2009**, *18*(7), 802-814

Keane, RE

Burn severity mapping using simulation modelling and satellite imagery **2010**, *19*(6), 710-724

Keeler, CW

*Bromus tectorum* cover mapping and fire risk **2006**, *15*(1), 113-119

Keeley, JE

Ecological impacts of wheat seeding after a Sierra Nevada wildfire **2004**, *13*(1), 73-78

Keeley, JE

Impact of antecedent climate on fire regimes in coastal California **2004**, *13*(2), 173-182

Keeley, JE

Fire suppression impacts on postfire recovery of Sierra Nevada chaparral shrublands **2005**, *14*(3), 255-265

Keeley, JE

Fire history of the San Francisco East Bay region and implications for landscape patterns **2005**, 14(3), 285-296

Keeley, JE

Heterogeneity in fire severity within early season and late season prescribed burns in a mixed-conifer forest **2006**, *15*(1), 37-45

Keeley, JE

Impact of prescribed fire and other factors on cheatgrass persistence in a Sierra Nevada ponderosa pine forest **2007**, *16*(1), 96-106

Keeley, JE

A critical assessment of the Burning Index in Los Angeles County, California **2007**, *16*(4), 473-483

Keeley, JE

Ecological effects of large fires on US landscapes: benefit or catastrophe? **2008**, *17*(6), 696-712

Keeley, JE

Fire intensity, fire severity and burn severity: a brief review and suggested usage **2009**, 18(1), 116-126

Keeley, JE

Factors affecting fuel break effectiveness in the control of large fires on the Los Padres National Forest, California **2011**, 20(6), 764-775

Keenum, D

Snag dynamics in a chronosequence of 26 wildfires on the east slope of the Cascade Range in Washington State, USA 1999, 9(4), 223-234

Keifer, M

FFI: a software tool for ecological monitoring **2009**, *18*(3), 310-314

Kelley, HL

Detection and growth of an Alaskan forest fire using GOES-9 3.9 µm imagery 1999, 9(2), 129-136

Kelso, J

Efficient simulation of wildfire spread on an irregular grid **2008**, *17*(5), 614-627

Kennedy, EM

The role of extinction on the reignition potential of woodbased embers in bushfires **2007**, *16*(5), 547-555

Kennett, R

Monitoring the impacts of fire regimes on vegetation in northern Australia: an example from Kakadu National Park **2003**, *12*(3&4), 427-440

Kerley, A

Fire impacts on surface heat, moisture and carbon fluxes from a tropical savanna in northern Australia **2003**, *12*(3&4), 333-340

Keuler, NS

Predicting spatial patterns of fire on a southern California landscape **2008**, *17*(5), 602-613

.\_\_\_\_

Ecological effects of large fires on US landscapes: benefit or catastrophe? **2008**, *17*(6), 696-712

Key, CC

Remote Sensing of Forest Fire Severity and Vegetation Recovery 1996, 6(3), 125-136

Keyes, CR

Influences of moisture content, mineral content and bulk density on smouldering combustion of ponderosa pine duff mounds

2011, 20(4), 589-596

Keyser, D

Mesoscale model simulation of the meteorological conditions during the 2 June 2002 Double Trouble State Park wildfirE **2010**, *19*(4), 427-448

Keyser, TL

Short-term impact of post-fire salvage logging on regeneration, hazardous fuel accumulation, and understorey development in ponderosa pine forests of the Black Hills, SD, USA

**2009**, 18(4), 451-458

Kharuk, VI

The spatial and temporal distribution of fires on Sakhalin Island, Russia **2007**, *16*(5), 556-562

Kiem, AS

Multi-decadal variability of forest fire risk - eastern Australia **2004**, *13*(2), 165-171

King, KJ

Simulation of prescribed burning strategies in south-west Tasmania, Australia: effects on unplanned fires, fire regimes, and ecological management values

**2006**, 15(4), 527-540

King, KJ

The relative importance of finescale fuel mosaics on reducing fire risk in south-west Tasmania, Australia **2008**, 17(3), 421-430

King, KJ

Australian grassland fire danger using inputs from the GRAZPLAN grassland simulation model **2010**, *19*(3), 338-345

### King, KJ

Fire and carbon dynamics under climate change in south-eastern Australia: insights from FullCAM and FIRESCAPE modelling **2011**, 20(4), 563-577

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

#### Kitchen, SG

Climate effects on historical fires (1630-1900) in Utah 2008, 17(1), 28-39

### Kitchen, SG

Ecological effects of large fires on US landscapes: benefit or catastrophe? 2008, 17(6), 696-712

### Kitzberger, T

ENSO as a forewarning tool of regional fire occurrence in northern Patagonia, Argentina **2002**, 11(1), 33-39

### Kitzberger, T

The historical range of variability of fires in the Andean-Patagonian Nothofagus forest region 2008, 17(6), 724-741

#### Klaver, JM

Fuel Models and Fire Potential From Satellite and Surface Observations **1998**, 8(3), 159-170

# Klaver, JM

Forecasting distributions of large federal-lands fires utilizing satellite and gridded weather information 2009, 18(5), 508-516

### Klaver, RW

Fuel Models and Fire Potential From Satellite and Surface Observations 1998, 8(3), 159-170

## Klaver, RW

Forecasting distributions of large federal-lands fires utilizing satellite and gridded weather information 2009, 18(5), 508-516

### Klenner, W

Short-term effects of prescribed burning on radial growth of Douglas-fir trees in south central British Columbia 2011, 20(7), 876-887

Heterogeneity in fire severity within early season and late season prescribed burns in a mixed-conifer forest 2006, 15(1), 37-45

# Knapp, EE

Novel fuelbed characteristics associated with mechanical mastication treatments in northern California and southwestern Oregon, USA 2009, 18(6), 686-697

#### Knapp, EE

Behaviour and effects of prescribed fire in masticated fuelbeds

**2011**, 20(8), 932-945

### Knapp, EE

Effects of particle fracturing and moisture content on fire behaviour in masticated fuelbeds burned in a laboratory 2011, 20(2), 308-317

#### Knight, DH

Seventeen Years of Forest Succession Following the Waterfalls Canyon Fire in Grand Teton National Park, Wvoming **1998**, 8(1), 45-55

### Knight, I

A Fire Perimeter Expansion Algorithm-Based on Huygens Wavelet Propagation **1993**, 3(2), 73-84

#### Knight, I

Physical Modelling of Leaf Scorch Height From Prescribed Fires in Young Eucalyptus Sieberi Regrowth Forests in South-Eastern Australia **1997**, 7(1), 7-20

#### Knight, IK

A review of radiant heat flux models used in bushfire applications

2003, 12(1), 101-110

### Knight, IK

A semi-transparent model of bushfire flames to predict radiant heat flux 2004, 13(2), 201-207

### Ko, M

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

### Kobziar, LN

The efficacy of fire and fuels reduction treatments in a Sierra Nevada pine plantation **2009**, 18(7), 791-801

# Kobziar, LN

Fire ignition patterns affect production of charcoal in southern forests

2011, 20(3), 474-477

### Kochi, I

The economic cost of adverse health effectsfrom wildfiresmoke exposure: a review **2010**, 19(7), 803-817

Strategy for a Fire Module in Dynamic Global Vegetation Models 1999, 9(1), 79-84

# Koike, M

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

#### Kolb, TE

Ponderosa pine mortality following fire in northern Arizona

2003, 12(1), 7-22

### Kolden, CA

Beyond wildfire: perspectives of climate, managed fire and policy in the USA **2010**, 19(3), 364-373

### Kolden, CA

Relative importance of weather and climate on wildfire growth in interior Alaska 2011, 20(4), 479-486

#### Koltun, JM

Evaluating the ability of the differenced Normalized Burn Ratio (dNBR) to predict ecologically significant burn severity in Alaskan boreal forests

2008, 17(4), 490-499

#### Kondo, Y

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

#### Konovalov, V

Exploring three-dimensional coupled fire-atmosphere interactions downwind of winddriven surface fires and their influence on backfires using the HIGRAD-FIRETEC model 2011, 20(6), 734-750

#### Koo, E

Firebrands and spotting ignition in large-scale fires **2010**, 19(7), 818-843

## Koonce, AL

Burning California Chaparral an Exploratory Study of Some Common Shrubs and Their Combustion Characteristics. **1991**, 1(3), 153-158

### Koonce, AL

Indications of vigor loss after fire in Caribbean pine (Pinus caribaea) from electrical resistance measurements 2006, 15(3), 415-425

### Koptur, S

Fuel loads, fire regimes, and post-fire fuel dynamics in Florida Keys pine forests 2006, 15(4), 463-478

# Košir, P

Long-term post-fire succession of Pinus brutia forest in the east Mediterranean 2010, 19(5), 599-605

### Kou, X

Accurate estimation of mean fire interval for managing fire 2006, 15(4), 489-495

# Koufopoulou, S

Effect of fire retardant application on phosphorus leaching from Mediterranean forest soil: short-term laboratory-scale study 2006, 15(3), 287-292

### Koziol, BW

Development of calibration algorithms for selected water content reflectometry probes for burned and non-burned organic soils of Alaska 2010, 19(7), 961-975

### Kramp, BA

Honey Mesquite Canopy Responses to Single Winter Fires: Relation to Herbaceous Fuel, Weather and Fire Temperature **1998**, 8(4), 241-252

#### Kravainis, G

A Comparison of Water Additives for Mopping-up After Forest Fires **1996**, 6(1), 37-43

#### Krawchuk, MA

Implications of changing climate for global wildland fire **2009**, 18(5), 483-507

### Krawchuk, MA

Road network density correlated with increased lightning fire incidence in the Canadian western boreal forest 2009, 18(8), 970-982

#### Kremens, R

Autonomous field-deployable wildland fire sensors 2003, 12(2), 237-244

#### Kreye, JK

Effects of particle fracturing and moisture content on fire behaviour in masticated fuelbeds burned in a laboratory 2011, 20(2), 308-317

### Krueger, SK

The importance of fireatmosphere coupling and boundary-layer turbulence to wildfire spread 2009, 18(1), 50-60

# Krull, C

The BlueSky smoke modeling framework 2009, 18(8), 906-920

## Krusel, N

Wildfire Activity in the Mallee Shrubland of Victoria, Australia 1993, 3(4), 217-227

# Küçük, Ö

Estimating crown fuel loading for calabrian pine and Anatolian black pine 2008, 17(1), 147-154

# Kulhavy, DL

Classifying fuels with aerial photography in East Texas **1999**, 9(2), 109-113

# Kunst, C

Fire regime of a *Elionorus* muticus Spreng. savanna, western Chaco region, Argentina 2001, 10(1), 65-72

### Kurz, WA

Estimating direct carbon emissions from Canadian wildland fires 2007, 16(5), 593-606

#### Kutiel, P

Spatial and Temporal Heterogeneity of Species Diversity in a Mediterranean Ecosystem Following Fire **1997**, 7(4), 307-315

#### Kuze, H

Assessing forest fire potential in Kalimantan Island, Indonesia, using satellite and surface weather data 2003, 12(2), 175-184

#### Lachowski, H

A primer on mapping vegetation using remote sensing **2001**, 10(3&4), 277-287

#### Laconi, M

**Evaluation of FARSITE** simulator in Mediterranean maquis **2007**, 16(5), 563-572

### Lagouvardos, C

Temporal simulation of diurnal temperature and relative humidity evolution at a forested mountainous site in Attica, Greece

2002, 11(2), 95-106

### Lampin-Maillet, C

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds **2009**, 18(8), 951-969

#### Landry, R

Estimating direct carbon emissions from Canadian wildland fires **2007**, 16(5), 593-606

# Landry, R

Remote sensing of burn severity: experience from western Canada boreal fires 2008, 17(4), 476-489

# Lane, PNJ

Paired Eucalyptus forest catchment study of prescribed fire effects on suspended sediment and nutrient exports in south-eastern Australia 2010, 19(5), 624-636

# Langaas, S

Temporal and Spatial Distribution of Savanna Fires in Senegal and the Gambia, West Africa, 1989-90, Derived From Multi-Temporal AVHRR Night Images

**1992**, 2(1), 21-36

# Langner, A

Burnt area estimation for the year 2005 in Borneo using multi-resolution satellite imagery

**2007**, 16(1), 45-53

# Laredo, L

An optimisation modelling approach to seasonal resource allocation for planned burning 2011, 20(2), 175-183

### Larini, M

A numerical study of buoyant plumes in cross-flow conditions **1999**, 9(2), 101-108

#### Larini, M

Fire spread through a porous forest fuel bed: a radiative and convective model including fire-induced flow effects **1999**, 9(3), 155-172

### Larjavaara, M

Experimental fire behaviour in managed Pinus sylvestris and Picea abies stands of Finland 2007, 16(4), 414-425

## Larjavaara, M

Declining fires in Larixdominated forests in northern Irkutsk district 2011, 20(2), 248-254

#### Larkin, NK

The BlueSky smoke modeling framework 2009, 18(8), 906-920

### Larsen, KW

Songbird communities in a pyrogenic habitat mosaic **2002**, 11(1), 75-84

#### Larsen, KW

Small mammal communities in a pyrogenic habitat mosaic **2007**, 16(6), 728-740

Effects of fire retardant chemical and fire suppressant foam on shrub steppe vegetation in northern Nevada **1999**, 9(2), 115-127

#### Lasanta, T

Pinus halepensis regeneration after a wildfire in a semiarid environment: assessment using multitemporal Landsat images **2011**, 20(2), 195-208

### Latham, D

Description of a coupled atmosphere-fire model **2004**, 13(1), 49-63

# Lathrop Jr, RG

Impacts of the 1988 Wildfires on the Water-Quality of Yellowstone and Lewis Lakes, Wyoming **1994**, 4(3), 169-175

## Launchbaugh, K

Delaying sheep grazing after wildfire in sagebrush steppe may not affect vegetation recovery

**2010**, 19(1), 115-122

# Laven, RD

Microplot Sampling of Fire Behavior on Populus tremuloides Stands in North-Central Colorado 1993, 3(2), 85-94

### Lavoué, D

Modelling emissions from Canadian wildfires: a case study of the 2002 Quebec fires 2007, 16(6), 649-663

Emissions of air pollutants by Canadian wildfires from 2000 to 2004

2011, 20(1), 17-34

#### Lavrov, A

Feasibility of forest-fire smoke detection using lidar 2003, 12(2), 159-166

#### Lavrov, A

Eye-safe lidar measurements for detection and investigation of forest-fire smoke 2004, 13(4), 401-412

#### Lawrence, DE

Benthic macroinvertebrate assemblages in five central Idaho (USA) streams over a 10vear period following disturbance by wildfire **2001**, 10(2), 201-213

#### Le Goff, H

Historical fire regime shifts related to climate teleconnections in the Waswanipi area, central Quebec, Canada 2007, 16(5), 607-618

### Le Goff, H

Dendroclimatic inference of wildfire activity in Quebec over the 20th century and implications for natural disturbance-based forest management at the northern limit of the commercial forest **2008**, 17(3), 348-362

# Le Maitre, DC

A Computer-Based System for Fire Management in the Mountains of the Cape Province, South-Africa **1994**, 4(1), 17-32

# Leadbetter III, GW

Wildland firefighter load carriage: effects on transit time and physiological responses during simulated escape to safety zone **2003**, *12*(1), 111-116

### Leavesley, AJ

The effect of fire on birds of mulga woodland in arid central Australia

2010, 19(7), 949-960

### Leblon, B

Predicting forest floor moisture for burned and unburned Pinus banksiana forests in the Canadian Northwest Territories 2007, 16(1), 71-80

### Lebow, PK

Combustion characteristics of north-eastern USA vegetation tested in the cone calorimeter: invasive versus non-invasive plants

**2007**, 16(4), 426-443

# Leduc, A

Spatial pattern analyses of postfire residual stands in the black spruce boreal forest of western Quebec

**2010**, 19(8), 1110-1126

# Lee, B

Temporal and spatial characteristics of forest fires in South Korea between 1970 and 2006, 15(3), 389-396

A Logit Model for Predicting the Daily Occurrence of Human Caused Forest-Fires **1995**, 5(2), 101-111

### Legg, CJ

Lee, BS

Using visual obstruction to estimate heathland fuel load and structure

**2008**, 17(3), 380-389

# Legge, S

The post-fire response of an obligate seeding Triodia species (Poaceae) in the fire-prone Kimberley, north-west Australia **2011**, 20(8), 974-981

#### Lehmkuhl, J

Snag dynamics in a chronosequence of 26 wildfires on the east slope of the Cascade Range in Washington State, USA

1999, 9(4), 223-234

#### Leidolf, A

The effects of fire on avian communities: spatio-temporal attributes of the literature 1912-2003

2009, 18(5), 609-622

#### Leite, SJ

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire **2010**, 19(6), 795-799

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, 9(1), 79-84

# Lenihan, JM

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape-fire-succession models

2009, 18(2), 147-156

## Lentile, LB

Remote sensing techniques to assess active fire characteristics and post-fire effects **2006**, 15(3), 319-345

### Lentile, LB

Influence of topography and forest structure on patterns of mixed severity fire in ponderosa pine forests of the South Dakota Black Hills, USA 2006, 15(4), 557-566

# Lentile, LB

Remote sensing for prediction of 1-year post-fire ecosystem condition

2009, 18(5), 594-608

### Lentile, LB

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA 2011, 20(2), 255-271

#### Leonard, J

Meteorological conditions and wildfire-related houseloss in Australia

2010, 19(7), 914-926

### Leoni, E

Fire spread across pine needle fuel beds: characterization of temperature and velocity distributions within the fire plume

**2004**, 13(1), 37-48

#### Leoni, E

Volatile and semi-volatile organic compounds in smoke exposure of firefighters during prescribed burning in the Mediterranean region 2010, 19(5), 606-612

#### Leoni, E

Emission of biogenic volatile organic compounds involved in eruptive fire: implications for the safety of firefighters **2011**, 20(1), 152-161

#### Leslie, LM

The Sydney Australia Wildfires of January 1994 -Meteorological Conditions and High Resolution Numerical Modeling Experiments **1996**, 6(3), 145-154

#### Letnic, M

The fire history of an arid grassland: the influence of antecedent rainfall and ENSO 2009, 18(6), 631-639

#### Lewis, A

Career stages in wildland firefighting: implications for voice in risky situations 2011, 20(1), 115-124

Remote sensing techniques to assess active fire characteristics and post-fire effects **2006**, 15(3), 319-345

### Lewis, SA

Remote sensing for prediction of 1-year post-fire ecosystem condition

2009, 18(5), 594-608

### Lewis, SA

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA 2011, 20(2), 255-271

# Lhermitte, S

**Evaluating Landsat Thematic** Mapper spectral indices for estimating burn severity of the 2007 Peloponnese wildfires in Greece

2010, 19(5), 558-569

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape-fire-succession models 2009, 18(2), 147-156

#### Li, L-M

Artificial neural network approach for modeling the impact of population density and weather parameters on forest fire risk 2009, 18(6), 640-647

Long-term forest landscape responses to fire exclusion in the Great Xing'an Mountains, China

2007, 16(1), 34-44

A dynamic algorithm for wildfire mapping with NOAA/AVHRR data 2004, 13(3), 275-285

### Liang, J

Factors influencing large wildland fire suppression expenditures

**2008**, 17(5), 650-659

### Liew, SC

Burn-scar patterns and their effect on regional burnt-area mapping in insular South-East

2009, 18(7), 837-847

#### Liley, B

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia **2003**, 12(3&4), 271-281

### Lindbladh, M

The role of fire in southern Scandinavian forests during the late Holocene 2010, 19(8), 1040-1049

### Lindenmayer, DB

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia

### Link, SO

Bromus tectorum cover mapping and fire risk **2006**, 15(1), 113-119

2009, 18(1), 84-95

# Linn, R

Studying wildfire behavior using FIRETEC 2002, 11(3&4), 233-246

### Linn, R

Modeling interactions between fire and atmosphere in discrete element fuel beds 2005, 14(2), 37-48

### Linn, R

Coupled influences of topography and wind on wildland fire behaviour 2007, 16(2), 183-195

Coherent vortical structures in numerical simulations of buoyant plumes from wildland fires 2005, 14(2), 61-75

Linn, RR

Separating combustion from pyrolysis in HIGRAD/FIRETEC

**2007**, 16(4), 493-502

Validation of FIRETEC windflows over a canopy and a fuelbreak

2009, 18(7), 775-790

## Linn, RR

A numerical study of slope and fuel structure effects on coupled wildfire behaviour 2010, 19(2), 179-201

A sub-grid, mixture-fractionbased thermodynamic equilibrium model for gas phase combustion in FIRETEC: development and results 2010, 19(2), 202-212

### Linn, RR

Exploring three-dimensional coupled fire-atmosphere interactions downwind of winddriven surface fires and their influence on backfires using the HIGRAD-FIRETEC model 2011, 20(6), 734-750

#### Littell, JS

Climate drivers of regionally synchronous fires in the inland Northwest (1651–1900) **2008**, 17(1), 40-49

#### Little, JM

Spatial patterns of forest fires in Canada, 1980-1999 2006, 15(3), 361-374

### Little, JM

An approach to operational forest fire growth predictions for Canada 2009, 18(8), 893-905

Characterization of wildfire regimes in Canadian boreal terrestrial ecosystems **2009**, 18(8), 992-1002

# Litton, CM

Early post-fire succession in a Nothofagus glauca forest in the Coastal Cordillera of southcentral Chile

**2002**, 11(2), 115-125

# Liu, C-C

Rapid locating of fire points from Formosat-2 high spatial resolution imagery: example of the 2007 California wildfire 2009, 18(4), 415-422

A North American regional reanalysis climatology of the Haines Index

2011, 20(1), 91-103

### Liu, Y

Smoke incursions into urban areas: simulation of a Georgia prescribed burn 2009, 18(3), 336-348

### Llinares, JV

Temperature-time curves at the soil surface in maquis summer fires

**2001**, 10(1), 45-52

### Lloret, F

Statistical analysis of fire frequency models for Catalonia (NE Spain), 1975-1998) based on fire scar maps from Landsat MSS data 2004, 13(1), 89-99

#### Lloret, F

Spatial and temporal patterns of plant functional types under simulated fire regimes 2007, 16(4), 484-492

#### Lloret, F

Recurrent wildfires constrain long-term reproduction ability in Pinus halepensis Mill. 2008, 17(5), 579-585

### Lloret, F

Fuel loading and flammability in the Mediterranean Basin woody species with different post-fire regenerative strategies **2010**, 19(6), 783-794

#### Llovet, J

Are wildfires a disaster in the Mediterranean basin? - A review

2008, 17(6), 713-723

#### Llovet. J

Soil responses to fire in Mediterranean forest landscapes in relation to the previous stage of land abandonment 2009, 18(2), 222-232

# Llusià, J

Influence of water and terpenes on flammability in some dominant Mediterranean species 2008, 17(2), 274-286

# Loboda, TV

Modeling fire danger in datapoor regions: a case study from the Russian Far East 2009, 18(1), 19-35

### Loboda, TV

Mapping burned area in Alaska using MODIS data: a data limitations-driven modification to the regional burned area algorithm

2011, 20(4), 487-496

### Loeffler, DR

Integrating fuel treatment into ecosystem management: a proposed project planning process

**2010**, 19(6), 725-736

### Loewen, M

Season of prescribed burn in ponderosa pine forests in eastern Oregon: impact on pine mortality

2005, 14(3), 223-231

### Loewen, M

Prediction of delayed mortality of fire-damaged ponderosa pine following prescribed fires in eastern Oregon, USA 2006, 15(1), 19-29

#### Loftsgaarden, DO

Evaluation of fire danger rating indexes using logistic regression and percentile analysis

2003, 12(2), 213-226

### Logan, K

Impact of climate change on area burned in Alberta's boreal forest

2007, 16(2), 153-160

#### Logan, K

Fire activity in Portugal and its relationship to weather and the Canadian Fire Weather Index System

2008, 17(3), 328-338

#### Logan, KA

Fire weather index system components for large fires in the Canadian boreal forest **2004**, *13*(4), 391-400

#### Logan, KA

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape-fire-succession models

**2009**, 18(2), 147-156

#### Lombardi, G

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy **2009**, *18*(6), 727-735

#### Lonati, M

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy **2009**, *18*(6), 727-735

### Long, Al

Flammability of native understory species in pine flatwood and hardwood hammock ecosystems and implications for the wildland-urban interface

**2004**, 13(3), 355-365

### Long, CL

Long-term relations among fire, fuel, and climate in the north-western US based on lake-sediment studies **2008**, *17*(1), 72-83

### Long, DG

Mapping fire regimes across time and space: Understanding coarse and fine-scale fire patterns

**2001**, 10(3&4), 329-342

# Long, RP

A comparison of thermocouples and temperature paints to monitor spatial and temporal characteristics of landscapescale prescribed fires **2004**, *13*(3), 311-322

#### Loomis, J

Estimating the Value of Reducing Fire Hazards to Old-Growth Forests in the Pacific-Northwest - a Contingent Valuation Approach **1994**, 4(4), 209-216

### Loomis, JB

The economic cost of adverse health effectsfrom wildfiresmoke exposure: a review **2010**, *19*(7), 803-817

#### Lopes, AG

Local-scale modelling system to simulate smoke dispersion **2007**, *16*(2), 196-203

# Lopes, FP

Temporal patterns of solute loss following wildfires in Central Portugal **2005**, *14*(4), 401-412

### Lopes, M

Local-scale modelling system to simulate smoke dispersion **2007**, *16*(2), 196-203

### López, R

Seed provenance and firerelated reproductive traits of *Pinus pinaster* in central Spain **2009**, *18*(8), 1003-1009

# López-Serrano, FR

Natural post-fire dynamics and serotiny in 10-year-old *Pinus halepensis* Mill. stands along a geographic gradient **2008**, *17*(2), 287-292

# López-Serrano, FR

Is the net new carbon increment of coppice forest stands of *Quercus ilex* ssp. *ballota* affected by post-fire thinning treatments and recurrent fires? **2010**, *19*(5), 637-648

### Loraud, JC

A numerical study of buoyant plumes in cross-flow conditions **1999**, *9*(2), 101-108

### Lorca, M

Effects of prescribed fire on soil quality in Mediterranean grassland (Prades Mountains, north-east Spain) **2005**, *14*(4), 379-384

## Loreto, F

The influence of leaf water content and isoprenoids on flammability of some Mediterranean woody species **2009**, *18*(2), 203-212

# Loudermilk, EL

The wildland fuel cell concept: an approach to characterize fine-scale variation in fuels and fire in frequently burned longleaf pine forests **2009**, 18(3), 315-325

### Loudermilk, EL

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics **2009**, *18*(6), 676-685

#### Loureiro, C

Empirical modelling of surface fire behaviour in maritime pine stands

**2009**, 18(6), 698-710

### Loveland, TR

Toward a national fuels mapping strategy: Lessons from selected mapping programs **2001**, *10*(3&4), 289-299

#### Lowell, K

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat **2009**, *18*(8), 1010-1020

#### Lu, W

A North American regional reanalysis climatology of the Haines Index **2011**, *20*(1), 91-103

#### Lucas, C

Interannual variations of area burnt in Tasmanian bushfires: relationships with climate and predictability **2007**, *16*(5), 540-546

#### Lucas, C

Prediction of the probability of large fires in the Sydney region of south-eastern Australia using fire weather

2009, 18(8), 932-943

#### Lucas, C

Meteorological conditions and wildfire-related houseloss in Australia **2010**, *19*(7), 914-926

### Lucieer, A

Implementation of quantitative bushfire risk analysis in a GIS environment **2010**, *19*(5), 649-658

### Luckert, MK

Manager-based valuations of alternative fire management regimes on Cape York Peninsula, Australia **2008**, 17(5), 660-673

## Luderer, G

A new look at the role of firereleased moisture on the dynamics of atmospheric pyroconvection **2009**, 18(5), 554-562

### Luis, E

Regeneration in *Quercus*Pyrenaica Ecosystems After
Surface Fires
1991, 1(4), 205-210

# Luis, E

Influence of Heat on Seed Germination of *Cistus Laurifolius* and *Cistus Ladanifer* 1992, 2(1), 15-20

### Luis, E

First Phases of Regeneration of *Cistus Laurifolius* and *Cistus Ladanifer* After Burning and Cutting in Experimental Plots **1992**, 2(1), 7-14

#### Luiscalabuig, E

Seedling Regeneration of Two *Cistus* Species After Experimental Disturbances **1996**, *6*(1), 13-19

### Luna, B

Effects of a long-term fire retardant chemical (Fire-Trol 934) on seed viability and germination of plants growing in a burned Mediterranean area **2007**, *16*(3), 349-359

#### Luna, B

Landscape variables influencing forest fires in central Spain **2011**, *20*(5), 678-689

### Lundquist, JE

Spatial models for estimating fuel loads in the Black Hills, South Dakota, USA **2004**, *13*(1), 119-129

### Lunt, ID

Effects of fire frequency and mowing on a temperate, derived grassland soil in south-eastern Australia

2008, 17(5), 586-594

# Lutes, DC

FFI: a software tool for ecological monitoring **2009**, *18*(3), 310-314

#### Lutes, DC

A surface fuel classification for estimating fire effects **2009**, *18*(7), 802-814

#### Lutz, JA

Climate, lightning ignitions, and fire severity in Yosemite National Park, California, USA **2009**, *18*(7), 765-774

### Lynch, B

Fire regimes and soil erosion in north Australian hilly savannas **2006**, *15*(4), 551-556

# Lynham, TJ

Estimating direct carbon emissions from Canadian wildland fires **2007**, *16*(5), 593-606

# Lynham, TJ

Remote sensing of burn severity: experience from western Canada boreal fires **2008**, 17(4), 476-489

### Ma, J

Artificial neural network approach for modeling the impact of population density and weather parameters on forest fire risk **2009**, *18*(6), 640-647

# MacDonald, LH

Measurement and prediction of post-fire erosion at the hillslope scale, Colorado Front Range **2005**, *14*(4), 457-474

# MacDonald, LH

Predicting post-fire hillslope erosion in forest lands of the western United States **2011**, 20(8), 982-999 MacGregor, C

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia

2009, 18(1), 84-95

MacLean, DA

Predicting forest floor moisture for burned and unburned Pinus banksiana forests in the Canadian Northwest Territories 2007, 16(1), 71-80

Macnaught, E

The post-fire measurement of fire severity and intensity in the Christmas 2001 Sydney wildfires

2004, 13(2), 227-240

Madoui, A

Spatial pattern analyses of postfire residual stands in the black spruce boreal forest of western Ouebec

**2010**, 19(8), 1110-1126

Madrigal, J

Flammability descriptors of fine dead fuels resulting from two mechanical treatments in shrubland: a comparative laboratory study 2010, 19(3), 314-324

Mahalingam, S

Fire spread in chaparral-'go or no-go?

2005, 14(2), 99-106

Mahlum, SK

Effects of wildfire on stream temperatures in the Bitterroot River Basin, Montana 2011, 20(2), 240-247

Maier, S

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications **2009**, 18(1), 1-18

Maier, SW

Field estimation of ash and char colour-lightness using a standard grey scale 2010, 19(6), 698-704

Maingi, JK

Factors influencing wildfire occurrence and distribution in eastern Kentucky, USA 2007, 16(1), 23-33

Malak, DA

Fire regime and post-fire Normalized Difference Vegetation Index changes in the eastern Iberian peninsula (Mediterranean basin) **2006**, 15(3), 407-413

Malkinson, D

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel 2010, 19(1), 75-93

Mansuy, N

The effects of surficial depositdrainage combinations on spatial variations of fire cycles in the boreal forest of eastern Canada

2010, 19(8), 1083-1098

Mantua, NJ

Climate drivers of regionally synchronous fires in the inland Northwest (1651-1900) 2008, 17(1), 40-49

Manzello, SL

Ignition of mulch and grasses by firebrands in wildland-urban interface fires

2006, 15(3), 427-431

Manzello, SL

Firebrand generation from burning vegetation **2007**, 16(4), 458-462

Manzello, SL

The wildland-urban interface fire problem - current approaches and research needs 2010, 19(2), 238-251

Maranghides, A

Firebrand generation from burning vegetation 2007, 16(4), 458-462

Maranghides, A

The wildland-urban interface fire problem - current approaches and research needs 2010, 19(2), 238-251

Maranon, T

Postfire Regeneration of a Mediterranean Heathland in Southern Spain **1996**, 6(4), 191-198

Marcelli, T

Fire spread across pine needle fuel beds: characterization of temperature and velocity distributions within the fire plume

**2004**, *13*(1), 37-48

Marechal, J

Heat-Transfer in the Soil During Very Low-Intensity Experimental Fires - the Role of **Duff and Soil-Moisture Content** 1994, 4(4), 225-237

Marechal, J

Combustion and Nutrient Losses During Laboratory Burns **1995**, *5*(1), 1-12

Maréchal, J

Thermal infrared emissiontransmission measurements in flames from a cylindrical forest fuel burner

2007, 16(3), 324-340

The effects of slope and fuel bed width on laboratory fire behaviour 2011, 20(2), 272-288

Maréchal, J

Slope effect on laboratory fire spread: contribution of radiation and convection to fuel bed preheating **2011**, 20(2), 289-307

Marino, E

Flammability descriptors of fine dead fuels resulting from two mechanical treatments in shrubland: a comparative laboratory study **2010**, 19(3), 314-324

Marinšek, A

Long-term post-fire succession of Pinus brutia forest in the east Mediterranean

2010, 19(5), 599-605

Marlon, J

Long-term relations among fire. fuel, and climate in the northwestern US based on lakesediment studies 2008, 17(1), 72-83

Marquínez, J

Analysis of the evolution of soil erosion classes using multitemporal Landsat imagery **2008**, 17(5), 549-558

Marsden-Smedley, JB Fire Behaviour Modelling in Tasmanian Buttongrass Moorlands. I. Fuel Characteristics 1995, 5(4), 203-214

Marsden-Smedley, JB Fire Behaviour Modelling in Tasmanian Buttongrass Moorlands. II. Fire Behaviour **1995**, 5(4), 215-228

Marsden-Smedley, JB Estimating fuel response time and predicting fuel moisture content from field data 2001, 10(2), 215-222

Marsden-Smedley, JB Fire modelling in Tasmanian buttongrass moorlands. III. Dead fuel moisture 2001, 10(2), 241-253

Marsden-Smedley, JB Fire modelling in Tasmanian buttongrass moorlands. IV. Sustaining versus nonsustaining fires 2001, 10(2), 255-262

Marsden-Smedley, JB

Simulation of prescribed burning strategies in south-west Tasmania, Australia: effects on unplanned fires, fire regimes, and ecological management values

2006, 15(4), 527-540

Marsden-Smedley, JB The relative importance of fine-

scale fuel mosaics on reducing fire risk in south-west Tasmania, Australia 2008, 17(3), 421-430

Marshall, AH

Shrubland fire regime scenarios in the Swartberg Mountain Range, South Africa: implications for fire management **2007**, 16(1), 81-95

Martell, DL

A Review of Initial Attack Fire Crew Productivity and Effectiveness **1996**, 6(4), 199-215

Martell, DL

A Markov chain model of day to day changes in the Canadian forest fire weather index **1999**, 9(4), 265-273

Martell, DL

Fire weather index system components for large fires in the Canadian boreal forest 2004, 13(4), 391-400

An index for tracking sheltered forest floor moisture within the Canadian Forest Fire Weather Index System **2005**, 14(2), 169-182

Martell, DL

A simulation model of the growth and suppression of large forest fires in Ontario 2007, 16(3), 285-294

Martell, DL

Assessing the impact of standlevel harvests on the flammability of forest landscapes **2007**, 16(5), 584-592

Martell, DL

A model for predicting humancaused wildfire occurrence in the region of Madrid, Spain 2010, 19(3), 325-337

Martin, DA

Synthesis of sediment yields after wildland fire in different rainfall regimes in the western United States 2009, 18(1), 96-115

Martin, FG

Response of Creeping Bluestem to Varying Month of Burn and Soil-Water Conditions **1995**, 5(2), 93-99

A model for predicting humancaused wildfire occurrence in the region of Madrid, Spain **2010**, 19(3), 325-337

Martin, R

Calibration and Field Testing of Passive Flame Height Sensors 1992, 2(3), 115-122

Martínez, R

Analysis of the evolution of soil erosion classes using multitemporal Landsat imagery **2008**, 17(5), 549-558

Martínez-de Dios, JR Laboratory fire spread analysis using visual and infrared images 2006, 15(2), 179-186

Martínez-Sánchez, JJ

The Role of Soil Seed Bank in the Early Stages of Plant Recovery After Fire in a Pinus Pinaster Forest in SE Spain **1996**, 6(1), 31-35

Martínez-Sánchez, JJ Influence of heat on seed germination of nine woody *Cistaceae* species **1999**, 9(3), 173-182

Martinson, EJ

Establishment of non-native plant species after wildfires: effects of fuel treatments, abiotic and biotic factors, and post-fire grass seeding treatments

2006, 15(2), 271-281

Martinson, EJ

Assessing mitigation of wildfire severity by fuel treatments – an example from the Coastal Plain of Mississippi **2008**, *17*(3), 415-420

Marzano, R

Developing an Adaptive Management approach to prescribed burning: a long-term heathland conservation experiment in north-west Italy **2009**, *18*(6), 727-735

Mason, F

Estimation of grassland biophysical parameters using hyperspectral reflectance for fire risk map prediction **2009**, *18*(7), 815-824

Massimiliano Bianco, PM
The influence of leaf water content and isoprenoids on flammability of some
Mediterranean woody species 2009, 18(2), 203-212

Massman, WJ

Effect of a controlled burn on the thermophysical properties of a dry soil using a new model of soil heat flow and a new high temperature heat flux sensor **2004**, *13*(4), 427-442

Massman, WJ

Long-term impacts of prescribed burns on soil thermal conductivity and soil heating at a Colorado Rocky Mountain site: a data/model fusion study **2008**, *17*(1), 131-146

Mataix-Solera, J

Soil organic matter and aggregates affected by wildfire in a *Pinus halepensis* forest in a Mediterranean environment **2002**, *11*(2), 107-114

Mataix-Solera, J

Microbial recolonization and chemical changes in a soil heated at different temperatures **2005**, *14*(4), 385-400

Matsinos, Y

Integrating new methods and tools in fire danger rating **2007**, *16*(3), 306-316

Matthews, S

A process-based model of fine fuel moisture **2006**, *15*(2), 155-168

Matthews, S Simple models for predicting dead fuel moisture in

eucalyptus forests **2010**, *19*(4), 459-467

Matthews, S

Effect of drying temperature on fuel moisture content measurements **2010**, *19*(6), 800-802

Mauffette, Y

Photosynthate Allocation Patterns Along a Fire-Induced Age Sequence in Two Shrub Species From the California Chaparral 1993, 3(1), 21-30

Maurer, S

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens **2009**, *18*(3), 268-277

Maus, P

A primer on mapping vegetation using remote sensing **2001**, *10*(3&4), 277-287

Mazzoleni, S

Effects of Heating on the Microbial Populations of a Grassland Soil **1996**, *6*(2), 67-70

Mazzoleni, S

Soil water dynamics after fire in a Portuguese shrubland **2006**, *15*(1), 99-111

McAlpine, RS

Predicting the Height to Live Crown Base in Plantations of Four Boreal Forest Species 1994, 4(2), 103-106

McAlpine, RS

Testing the Effect of Fuel Consumption on Fire Spread Rate 1995, 5(3), 143-152

McAlpine, RS

Searching for a climate change effect in fire management expenditures **1999**, *9*(3), 203-206

McAlpine, RS

The effect of fire front width on surface fire behaviour **1999**, 9(4), 247-253

McBride, JR

The efficacy of fire and fuels reduction treatments in a Sierra Nevada pine plantation **2009**, *18*(7), 791-801

McCaffrey, S

Different interest group views of fuels treatments: survey results from fire and fire surrogate treatments in a Sierran mixed conifer forest, California, USA **2008**, *17*(2), 224-233

McCaffrey, S

Reducing fuels in the wildland—urban interface: community perceptions of agency fuels treatments **2011**, 20(3), 340-349

McCaffrey, SM

Public perspectives of fire, fuels and the Forest Service in the Great Lakes Region: a survey of citizen—agency communication and trust

2009, 18(2), 157-164

McCarthy, BC

Forest floor fuel dynamics in mixed-oak forests of south-eastern Ohio **2006**, *15*(4), 479-488

2000, 15(1), 17

McCarthy, MA Theoretical fire-interval distributions **2001**, *10*(1), 73-77

McCartney, J

A tale of two parks: contemporary fire regimes of Litchfield and Nitmiluk National Parks, monsoonal northern Australia **2001**, 10(1), 79-89

McCaw, L

Simple models for predicting dead fuel moisture in eucalyptus forests **2010**, *19*(4), 459-467

McCaw, WL

Prescribed Burning of Thinning Slash in Regrowth Stands of Karri (*Eucalyptus diversicolor*) .1. Fire Characteristics, Fuel Consumption and Tree Damage 1997, 7(1), 29-40

McCaw, WL

Prescribed Burning of Thinning Slash in Regrowth Stands of Karri (*Eucalyptus diversicolor*) 2. Nitrogen Budgets in Pre- and Post-Burn Fuel **1997**, 7(1), 41-49

McCaw, WL

Estimating fuel response time and predicting fuel moisture content from field data **2001**, *10*(2), 215-222

McCornick, PG

A Low Pressure Soaker Hose Containment System for Wildland Fires 1992, 2(4), 185-191

McDonald, H

A Low Pressure Soaker Hose Containment System for Wildland Fires 1992, 2(4), 185-191

McDougall, KL

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, *17*(6), 793-808

McFarlane, BL

Complexity of homeowner wildfire risk mitigation: an integration of hazard theories **2011**, *20*(8), 921-931

McGee, TK

Complexity of homeowner wildfire risk mitigation: an integration of hazard theories **2011**, 20(8), 921-931

McGinnis, TW
Impact of prescribed fire and other factors on cheatgrass persistence in a Sierra Nevada ponderosa pine forest

**2007**, 16(1), 96-106

McGuire, AD

Analysis of Alaskan burn severity patterns using remotely sensed data **2007**, 16(3), 277-284

McGurk, B

Prescribed fire, soils, and stream water chemistry in a watershed in the Lake Tahoe Basin, California **2004**, *13*(1), 27-35

McHugh, CW

Ponderosa pine mortality following fire in northern Arizona **2003**, *12*(1), 7-22

McHugh, CW

Evaluation of a post-fire tree mortality model for western USA conifers **2007**, *16*(6), 679-689

McHugh, CW

Simulation of long-term landscape-level fuel treatment effects on large wildfires **2007**, *16*(6), 712-727

McKay, SJ

Measuring moisture dynamics to predict fire severity in longleaf pine forests **2002**, 11(3&4), 267-279

Mckenzie, D

Extrapolation Problems in Modeling Fire Effects at Large Spatial Scales: a Review 1996, 6(4), 165-176

McKenzie, D

Climate drivers of regionally synchronous fires in the inland Northwest (1651–1900) **2008**, *17*(1), 40-49

McMillin, J

Development of post-fire crown damage mortality thresholds in ponderosa pine **2010**, *19*(5), 583-588

McMurry, ER

Murry, ER
Fire scars reveal source of New
England's 1780 Dark Day
2007, 16(3), 266-270

McRae, DJ

Point-source fire growth in Jack Pine slash **1999**, 9(1), 65-77

McRae, DJ

Wildfires and the Canadian Forest Fire Weather Index system for the Daxing'anling region of China **2011**, 20(8), 963-973

McRae, RHD

Prediction of Areas Prone to Lightning Ignition **1992**, 2(3), 123-130

#### McRae, RHD

Evaluation of a very simple model for predicting the moisture content of eucalypt litter

**2011**, 20(8), 1000-1005

#### Mediavilla, G

Recolonization of Two Burnt Quercus pyrenaica Ecosystems by Coleoptera **1998**, 8(1), 21-27

Is Arson Associated with Severe Fire Weather in Southern California? **1991**, 1(2), 97-100

## Mees. R

Relating Burning Index to Wildfire Workload Over Broad Geographic Areas **1991**, *1*(4), 235-238

#### Mees, R

Modeling Wildland Fire Containment With Uncertain Flame Length and Fireline Width

**1993**, 3(3), 179-185

#### Meixner, T

Prescribed fire, soils, and stream water chemistry in a watershed in the Lake Tahoe Basin, California 2004, 13(1), 27-35

#### Meléndez, J

Thermal infrared emissiontransmission measurements in flames from a cylindrical forest fuel burner

2007, 16(3), 324-340

A physics-based approach to modelling grassland fires 2007, 16(1), 1-22

## Mell, W

A simple model for wind effects of burning structures and topography on wildland-urban interface surface-fire propagation 2009, 18(3), 290-301

# Mell, WE

Firebrand generation from burning vegetation 2007, 16(4), 458-462

# Mell, WE

The wildland-urban interface fire problem - current approaches and research needs 2010, 19(2), 238-251

# Menakis, JP

Comparing the Prescribed Natural Fire Program With Presettlement Fires in the Selway-Bitterroot Wilderness **1994**, 4(3), 157-168

## Menakis, JP

Spatial data for national fire planning and fuel management **2001**, 10(3&4), 353-372

#### Mendel, Z.

Seedling Mortality in Regeneration of Aleppo Pine Following Fire and Attack by the Scale Insect Matsucoccus josephi

**1997**, 7(4), 327-333

#### Mendes, J

Spatial and temporal extremes of wildfire sizes in Portugal (1984-2004)**2009**, 18(8), 983-991

#### Mendes-Lopes, JM

A two-dimensional model of fire spread across a fuel bed including wind combined with slope conditions

2002, 11(1), 53-63

# Mendes-Lopes, JMC

Flame characteristics, temperature-time curves, and rate of spread in fires propagating in a bed of Pinus pinaster needles **2003**, 12(1), 67-84

#### Menges, ES

Postfire survival in south Florida slash pine: interacting effects of fire intensity, fire season, vegetation, burn size, and bark beetles

2001, 10(1), 53-63

#### Mercer, GN

Plumes Above Line Fires in a Cross-Wind **1994**, 4(4), 201-207

## Merino-de-Miguel, S

Integration of AWiFS and MODIS active fire data for burn mapping at regional level using the Burned Area Synergic Algorithm (BASA) 2009, 18(4), 404-414

## Mermoz, M

The historical range of variability of fires in the Andean-Patagonian Nothofagus forest region **2008**, 17(6), 724-741

## Methven, IR

A Dynamic Fuel Model for Use in Managed Even-Aged Stands **1994**, 4(3), 177-185

## Metsaranta, JM

Potentially limited detectability of short-term changes in boreal fire regimes: a simulation study 2010, 19(8), 1140-1146

# Meyer, CP

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, 16(4), 361-377

# Meyer, CP

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications 2009, 18(1), 1-18

#### Meyer, G

Long-term fire history from alluvial fan sediments: the role of drought and climate variability, and implications for management of Rocky Mountain forests 2008, 17(1), 84-95

#### Meyn, A

Spatial variation of trends in wildfire and summer drought in British Columbia, Canada, 1920-2000

2010, 19(3), 272-283

#### Michael, D

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia

2009, 18(1), 84-95

## Miettinen, J

Burnt area estimation for the year 2005 in Borneo using multi-resolution satellite imagery

**2007**, 16(1), 45-53

#### Miettinen, J

Burn-scar patterns and their effect on regional burnt-area mapping in insular South-East Asia

2009, 18(7), 837-847

#### Millán, MM

A mesoscale model application to fire weather winds **1999**, 9(4), 255-263

## Miller, C

Multi-scale evaluation of the environmental controls on burn probability in a southern Sierra Nevada landscape 2011, 20(7), 815-828

## Miller, JD

Modeling potential erosion due to the Cerro Grande Fire with a GIS-based implementation of the Revised Universal Soil Loss Equation

**2003**, 12(1), 85-100

## Miller ID

Climate, lightning ignitions, and fire severity in Yosemite National Park, California, USA 2009, 18(7), 765-774

Ouantifying the fire regime distributions for severity in Yosemite National Park, California, USA 2011, 20(2), 223-239

## Miller, ME

Predicting post-fire hillslope erosion in forest lands of the western United States 2011, 20(8), 982-999

Ecological effects of large fires on US landscapes: benefit or catastrophe?

**2008**, 17(6), 696-712

#### Miller, RF

Fine-scale variation of historical fire regimes in sagebrush-steppe and juniper woodland: an example from California, USA **2008**, 17(2), 245-254

#### Miller, SM

Spatial interpolation and simulation of post-burn duff thickness after prescribed fire **1999**, 9(2), 137-143

Efficient simulation of wildfire spread on an irregular grid **2008**, 17(5), 614-627

Internal-Combustion Engine Performance in the Fireground **1994**, 4(2), 83-91

#### Minnich, RA

Wildland Fire and Chaparral Succession Along the California Baja-California Boundary **1995**, 5(1), 13-24

#### Minnich, RA

Wildland Fire Patch Dynamics in the Chaparral of Southern California and Northern Baja California

**1997**, 7(3), 221-248

#### Minnich, RA

Spatial distribution and properties of ash and thermally altered soils after high-severity forest fire, southern California 2005, 14(4), 343-354

# Minshall, GW

Water quality, substratum and biotic responses of five central Idaho (USA) streams during the first year following the Mortar Creek fire

2001, 10(2), 185-199

# Minshall, GW

Benthic macroinvertebrate assemblages in five central Idaho (USA) streams over a 10year period following disturbance by wildfire 2001, 10(2), 201-213

# Miranda, AI

A Prognostic Meteorological Model Applied to the Study of a Forest Fire **1996**, 6(4), 157-163

## Miranda, AI

An integrated numerical system to estimate air quality effects of forest fires

2004, 13(2), 217-226

## Miranda, AI

Smoke measurements during Gestosa-2002 experimental field fires 2005, 14(2), 107-116

## Miranda, AI

Local-scale modelling system to simulate smoke dispersion **2007**, 16(2), 196-203

## Miranda, AI

Fire activity in Portugal and its relationship to weather and the Canadian Fire Weather Index System

2008, 17(3), 328-338

#### Miranda, AI

Regional-scale weather patterns and wildland fires in central Portugal

2009, 18(1), 36-49

## Miranda, AI

Linear model for spread rate and mass loss rate for mixedsize fuel beds

2010, 19(5), 531-540

#### Miranda, AI

Effect of particle orientation and of flow velocity on the combustibility of Pinus pinaster and Eucalyptus globulus firebrand material 2011, 20(8), 946-962

#### Mitchell, E

The Sydney Australia Wildfires of January 1994 -Meteorological Conditions and High Resolution Numerical Modeling Experiments **1996**, 6(3), 145-154

## Mitchell, RJ

Season of burn and nutrient losses in a longleaf pine ecosystem

**2004**, 13(4), 443-453

#### Mitchell, RJ

The wildland fuel cell concept: an approach to characterize fine-scale variation in fuels and fire in frequently burned longleaf pine forests 2009, 18(3), 315-325

# Mitchell, RJ

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics **2009**, 18(6), 676-685

# Mitri, GH

A semi-automated objectoriented model for burned area mapping in the Mediterranean region using Landsat-TM imagery

2004, 13(3), 367-376

## Mitri, GH

Fire type mapping using objectbased classification of Ikonos imagery

**2006**, *15*(4), 457-462

## Mitri, GH

Mapping the severity of fire using object-based classification of IKONOS imagery

2008, 17(3), 431-442

# Mitsopoulos, ID

Allometric equations for crown fuel biomass of Aleppo pine (Pinus halepensis Mill.) in Greece

2007, 16(5), 642-647

## Mitsopoulos, ID

Assessing ignition probability and moisture of extinction in a Mediterranean grass fuel 2010, 19(1), 29-34

#### Miyazaki, Y

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

#### Moghaddas, JJ

A fuel treatment reduces fire severity and increases suppression efficiency in a mixed conifer forest 2007, 16(6), 673-678

#### Moghaddas, JJ

Different interest group views of fuels treatments: survey results from fire and fire surrogate treatments in a Sierran mixed conifer forest. California, USA 2008, 17(2), 224-233

# Moghtaderi, B

The role of extinction on the reignition potential of woodbased embers in bushfires 2007, 16(5), 547-555

#### Moglia, G

Fire regime of a Elionorus muticus Spreng. savanna, western Chaco region, Argentina **2001**, 10(1), 65-72

# Molina, MJ

Temperature-time curves at the soil surface in maquis summer fires

2001, 10(1), 45-52

# Monroe, MC

Living with fire: homeowner assessment of landscape values and defensible space in Minnesota and Florida, USA 2004, 13(4), 413-425

# Montague-Drake, R

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia

2009, 18(1), 84-95

## Moody, JA

Synthesis of sediment yields after wildland fire in different rainfall regimes in the western United States

**2009**, 18(1), 96-115

# Moore, AD

Australian grassland fire danger using inputs from the GRAZPLAN grassland simulation model 2010, 19(3), 338-345

## Moore, MM

Assessing fire regimes on Grand Canyon landscapes with fire-scar and fire-record data 2003, 12(2), 129-145

## Moore, MM

Fire history and stand structure of two ponderosa pine-mixed conifer sites: San Francisco Peaks, Arizona, USA 2005, 14(3), 307-320

# Moore, PHR

Seasonal Changes in Fire Behaviour in a Tropical Savanna in Northern Australia **1998**, 8(4), 227-239

## Moore, RK

Detection and growth of an Alaskan forest fire using GOES-9 3.9 µm imagery **1999**, 9(2), 129-136

# Morais, ME

Modelling long-term fire regimes of southern California shrublands

2011, 20(1), 1-16

#### Moral, R

Soil organic matter and aggregates affected by wildfire in a Pinus halepensis forest in a Mediterranean environment 2002, 11(2), 107-114

## Morandini, F

A two-dimensional model of fire spread across a fuel bed including wind combined with slope conditions **2002**, 11(1), 53-63

## Morandini, F

Experimental investigation of the physical mechanisms governing the spread of wildfires 2010, 19(5), 570-582

# Morandini, F

Physical modelling of forest fire spreading through heterogeneous fuel beds **2011**, 20(5), 625-632

# Moré, G

Factors influencing the pattern of fire severities in a large wildfire under extreme meteorological conditions in the Mediterranean basin 2009, 18(7), 755-764

# Morehouse, BJ

Integrating values and risk perceptions into a decision support system 2010, 19(1), 123-136

# Moreira, F

Regional variations in wildfire susceptibility of land-cover types in Portugal: implications for landscape management to minimize fire hazard 2009, 18(5), 563-574

# Moreira, F

Modeling and mapping wildfire ignition risk in Portugal 2009, 18(8), 921-931

## Moreno, JM

Patterns of Lightning-, and People-Caused Fires in Peninsular Spain **1998**, 8(2), 103-115

# Moreno, JM

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging **2007**, 16(3), 341-348

#### Moreno, JM

Effects of a long-term fire retardant chemical (Fire-Trol 934) on seed viability and germination of plants growing in a burned Mediterranean area 2007, 16(3), 349-359

#### Moreno, JM

Landscape structural features control fire size in a Mediterranean forested area of central Spain 2009, 18(5), 575-583

## Moreno, JM

Landscape variables influencing forest fires in central Spain 2011, 20(5), 678-689

# Morgan, P

Mapping fire regimes across time and space: Understanding coarse and fine-scale fire patterns

**2001**, 10(3&4), 329-342

#### Morgan, P

Remote sensing techniques to assess active fire characteristics and post-fire effects 2006, 15(3), 319-345

#### Morgan, P

Remote sensing for prediction of 1-year post-fire ecosystem condition 2009, 18(5), 594-608

# Morgan, P

Beyond Landsat: a comparison of four satellite sensors for detecting burn severity in ponderosa pine forests of the Gila Wilderness, NM, USA 2010, 19(4), 449-458

# Morgan, P

The combustion of sound and rotten coarse woody debris: a review

**2011**, 20(2), 163-174

# Morgan, P

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA **2011**, 20(2), 255-271

# Moriondo, M

The meteorological conditions associated with extreme fire risk in Italy and Greece: relevance to climate model studies

2008, 17(2), 155-165

# Moritz, MA

Evaluating predictive models of critical live fuel moisture in the Santa Monica Mountains, California

2008, 17(1), 18-27

# Moritz, MA

Critical live fuel moisture in chaparral ecosystems: a threshold for fire activity and its relationship to antecedent precipitation

**2009**, 18(8), 1021-1027

Moritz, MA

Modelling long-term fire regimes of southern California shrublands

2011, 20(1), 1-16

## Morvan, D

A numerical study of buoyant plumes in cross-flow conditions **1999**, *9*(2), 101-108

#### Morvan, D

Numerical study of a crown fire spreading toward a fuel break using a multiphase physical model

2005, 14(2), 141-151

#### Morvan, D

A numerical study of flame geometry and potential for crown fire initiation for a wildfire propagating through shrub fuel **2007**, *16*(5), 511-518

Morvan, D

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

#### Moya, D

Natural post-fire dynamics and serotiny in 10-year-old *Pinus halepensis* Mill. stands along a geographic gradient **2008**, *17*(2), 287-292

## Moya, D

Is the net new carbon increment of coppice forest stands of *Quercus ilex* ssp. *ballota* affected by post-fire thinning treatments and recurrent fires? **2010**, *19*(5), 637-648

## Mudelsee, M

A 229-year dendroclimaticinferred record of forest fire activity for the Boreal Shield of Canada

2006, 15(3), 375-388

## Müller. T

An experiment to test the potential for glass fragments to ignite wildland fuels **2009**, *18*(7), 885-891

Mulqueeny, CM

Determinants of inter-annual variation in the area burnt in a semiarid African savanna **2011**, 20(4), 532-539

Mulqueeny, CM

Determinants of spatial variation in fire return period in a semiarid African savanna **2011**, *20*(4), 540-549

Munoz-Arriola, F

Spatially explicit forecasts of large wildland fire probability and suppression costs for California **2011**, *20*(4), 508-517

Murphy, BP

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications **2009**, *18*(1), 1-18

#### Murphy, BP

Fire severity in a northern Australian savanna landscape: the importance of time since previous fire **2010**, 19(1), 46-51

## Murphy, KA

Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results **2008**, *17*(4), 443-462

#### Murphy, KA

Evaluating the ability of the differenced Normalized Burn Ratio (dNBR) to predict ecologically significant burn severity in Alaskan boreal forests

2008, 17(4), 490-499

#### Myers, BA

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, *17*(6), 793-808

#### Nachlinger, J

Implementation of mid-scale fire regime condition class mapping

**2008**, 17(3), 390-406

#### Nalder, IA

Physical properties of dead and downed round-wood fuels in the Boreal forests of western and Northern Canada **1999**, *9*(2), 85-99

# Nappi, A

Effect of fire severity on longterm occupancy of burned boreal conifer forests by saproxylic insects and woodforaging birds **2010**, *19*(4), 500-511

# Narayanaraj, G

Influences of forest roads on the spatial pattern of wildfire boundaries **2011**, 20(6), 792-803

Navarro Cerrillo, RM

## Navarro Cerrilio, Rivi

Monitoring post-fire regeneration in Mediterranean ecosystems by employing multitemporal satellite imagery **2009**, *18*(6), 648-658

## Navarro-Pedreño, J

Soil organic matter and aggregates affected by wildfire in a *Pinus halepensis* forest in a Mediterranean environment **2002**, *11*(2), 107-114

# Neal, JE

Prescribed Burning of Thinning Slash in Regrowth Stands of Karri (*Eucalyptus diversicolor*) .1. Fire Characteristics, Fuel Consumption and Tree Damage 1997, 7(1), 29-40

# Neary, DG

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel **2010**, *19*(1), 75-93

#### Needham, T

Soil Seed Bank of a Jack Pine (*Pinus Banksiana*) Ecosystem **1998**, 8(2), 67-71

#### Ne'eman, G

Regeneration of Natural Pine Forest – Review of Work Done After the 1989 Fire in Mount Carmel, Israel 1997, 7(4), 295-306

# Ne'eman, G

The Management Implications of the Mt. Carmel Research Project 1997, 7(4), 343-350

#### Negrón, JF

Development of post-fire crown damage mortality thresholds in ponderosa pine **2010**, *19*(5), 583-588

#### Neilson, R

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, *9*(1), 79-84

Nelson, E

Chino well fire: a hydrologic evaluation of rainfall and runoff from the Mud Canyon watershed 1999, 9(1), 1-8

## Nelson, Jr, RM

An effective wind speed for models of fire spread **2002**, *11*(2), 153-161

#### Nelson, Jr, RM

Power of the fire—a thermodynamic analysis **2003**, *12*(1), 51-65

## Nelson, Jr, RM

Reaction times and burning rates for wind tunnel headfires **2003**, *12*(2), 195-211

## Nelson, KC

Living with fire: homeowner assessment of landscape values and defensible space in Minnesota and Florida, USA **2004**, *13*(4), 413-425

# Nelson, KC

Interpreting federal policy at the local level: the wildland–urban interface concept in wildfire protection planning in the eastern United States **2009**, *18*(3), 278-289

# Nelson, KC

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

# Nelson, RM

Byram Derivation of the Energy Criterion for Forest and Wildland Fires 1993, 3(3), 131-138

# Nelson, RM

In Memory - George M. Byram - 1909-**1996 1996**, *6*(4), 216-217

#### Nelson, RM

Application of the Nelson model to four timelag fuel classes using Oklahoma field observations: model evaluation and comparison with National Fire Danger Rating System algorithms **2007**, *16*(2), 204-216

#### Nestel, D

Seedling Mortality in Regeneration of Aleppo Pine Following Fire and Attack by the Scale Insect *Matsucoccus josephi* **1997**, 7(4), 327-333

#### Neto, LP

On the Temperature Distribution Inside a Tree Under Fire Conditions **1991**, *1*(2), 87-96

## Neto, LPC

Wall Shear-Stress as a Parameter to Correlate the Rate of Spread of a Wind Induced Forest Fire.

**1991**, 1(3), 177-188

#### Neuenschwander, LF

Introduction: Integrating spatial technologies and ecological principles for a new age in fire management

**2001**, 10(3&4), 263-265

# Neumann, DD

Surface burning in a mature stand of *Pinus resinosa* and *Pinus strobus* in Michigan: effects on understory vegetation **2001**, 10(1), 91-101

## Newton, WE

Effects of fire retardant chemical and fire suppressant foam on shrub steppe vegetation in northern Nevada **1999**, *9*(2), 115-127

# Nicholls, N

Interannual variations of area burnt in Tasmanian bushfires: relationships with climate and predictability **2007**, *16*(5), 540-546

# Nicholls, N

The relationship between the monsoonal summer rain and dry-season fire activity of northern Australia **2008**, *17*(5), 674-684

# Nickless, A

Methods to determine the impact of rainfall on fuels and burned area in southern African savannas

**2010**, 19(6), 774-782

# Nielsen, TT

Utilization of NOAA AVHRR for assessing the determinants of savanna fire distribution in Burkina Faso **2001**, *10*(2), 129-135

#### Nieto, H

Estimation of dead fuel moisture content from meteorological data in Mediterranean areas. Applications in fire danger assessment

2007, 16(4), 390-397

#### Niklasson, M

A 400-year history of fires on lake islands in south-east Sweden

2010, 19(8), 1050-1058

# Niphadkar, M

Time series of chaparral live fuel moisture maps derived from MODIS satellite data 2006, 15(3), 347-360

#### Niven, M

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat 2009, 18(8), 1010-1020

Noble, JC

Behaviour of a Very Fast Grassland Wildfire on the Riverine Plain of Southeastern Australia.

1991, 1(3), 189-196

#### Nock, CA

Forest fire occurrence and climate change in Canada 2010, 19(3), 253-271

## Noonan, M

The post-fire measurement of fire severity and intensity in the Christmas 2001 Sydney wildfires

2004, 13(2), 227-240

## Norman, MA

Prescribed burning of thinning slash in regrowth stands of jarrah (Eucalyptus marginata) following bauxite mining in south-west Australia 2010, 19(6), 737-745

# North, MP

Post-fire epicormic branching in Sierra Nevada Abies concolor (white fir)

2006, 15(1), 31-35

## North, MP

Post-fire survival and flushing in three Sierra Nevada conifers with high initial crown scorch 2009, 18(7), 857-864

## Nosenzo, A

Comparative study of various methods of fire danger evaluation in southern Europe 1999, 9(4), 235-246

## Nunez, M

Assessing Grassland Moisture and Biomass in Tasmania - the Application of Remote-Sensing and Empirical-Models for a Cloudy Environment 1995, 5(3), 165-171

## Nyhan, JW

Modeling potential erosion due to the Cerro Grande Fire with a GIS-based implementation of the Revised Universal Soil Loss Equation

**2003**, 12(1), 85-100

## O'Connell, AM

Prescribed Burning of Thinning Slash in Regrowth Stands of Karri (Eucalyptus diversicolor) .2. Nitrogen Budgets in Pre- and Post-Burn Fuel **1997**, 7(1), 41-49

#### O'Brien, JJ

The wildland fuel cell concept: an approach to characterize fine-scale variation in fuels and fire in frequently burned longleaf pine forests **2009**, 18(3), 315-325

#### O'Brien, JJ

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics 2009, 18(6), 676-685

#### O'Brien, S

Integrating values and risk perceptions into a decision support system **2010**, 19(1), 123-136

#### O'Connor, A

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat

2009, 18(8), 1010-1020

## O'Connor, TG

Determinants of inter-annual variation in the area burnt in a semiarid African savanna 2011, 20(4), 532-539

## O'Connor, TG

Determinants of spatial variation in fire return period in a semiarid African savanna 2011, 20(4), 540-549

# Odén, PC

Fuel and fire characteristics in savanna-woodland of West Africa in relation to grazing and dominant grass type **2007**, 16(5), 531-539

# Oechel, WC

Photosynthate Allocation Patterns Along a Fire-Induced Age Sequence in Two Shrub Species From the California Chaparral **1993**, 3(1), 21-30

# Ogawa, T

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

## Ogaya, R

Estimating live fine fuels moisture content using meteorologically-based indices 2001, 10(2), 223-240

## Ogaya, R

Influence of water and terpenes on flammability in some dominant Mediterranean species

2008, 17(2), 274-286

#### O'Grady, AP

Fire impacts on surface heat, moisture and carbon fluxes from a tropical savanna in northern Australia 2003, 12(3&4), 333-340

#### Ohlson, P

Snag dynamics in a chronosequence of 26 wildfires on the east slope of the Cascade Range in Washington State, USA

1999, 9(4), 223-234

#### Ojeda, F

Postfire Regeneration of a Mediterranean Heathland in Southern Spain **1996**, 6(4), 191-198

#### Oliveira, LA

On the Temperature Distribution Inside a Tree Under Fire Conditions **1991**, 1(2), 87-96

#### Oliveira, LA

Numerical Predictions on the Soil Thermal Effect Under Surface Fire Conditions **1997**, 7(1), 51-63

## Oliveras, I

Generalization of the fire line rotation model to curved fire lines

2006, 15(4), 447-456

## Oliveras, I

Factors influencing the pattern of fire severities in a large wildfire under extreme meteorological conditions in the Mediterranean basin 2009, 18(7), 755-764

## Ollero, A

Laboratory fire spread analysis using visual and infrared images

**2006**, 15(2), 179-186

# Olsen, CS

Trust, acceptance, and citizenagency interactions after large fires: influences on planning processes

**2010**, 19(1), 137-147

## Omi, PN

Quadrat Analysis of Wildland Fuel Spatial Variability **1992**, 2(4), 145-152

Microplot Sampling of Fire Behavior on Populus tremuloides Stands in North-Central Colorado 1993, 3(2), 85-94

# Omi, PN

Reduction of Fire Hazard Through Thinning/Residue Disposal in the Urban Interface **1998**, 8(1), 29-35

#### Omi, PN

Effect of thinning and prescribed burning on crown fire severity in ponderosa pine forests

2002, 11(1), 1-10

#### Omi, PN

Establishment of non-native plant species after wildfires: effects of fuel treatments, abiotic and biotic factors, and post-fire grass seeding treatments

2006, 15(2), 271-281

#### Omi, PN

Assessing mitigation of wildfire severity by fuel treatments - an example from the Coastal Plain of Mississippi **2008**, 17(3), 415-420

O'Neill, SM

The BlueSky smoke modeling framework

**2009**, 18(8), 906-920

# Ooi, MKJ

Persistence of obligate-seeding species at the population scale: effects of fire intensity, fire patchiness and long fire-free intervals

2006, 15(2), 261-269

#### Oriol, V

Temporal fluctuations in soil water repellency following wildfire in chaparral steeplands, southern California 2005, 14(4), 439-447

# Orlove, B

The relationship between the monsoonal summer rain and dry-season fire activity of northern Australia 2008, 17(5), 674-684

## Orozco-Segovia, A

Effect of heat shock on germination of 23 plant species in pine-oak and montane cloud forests in western Mexico 2010, 19(6), 759-773

## Orr, BJ

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel **2010**, 19(1), 75-93

Fuel loading prediction models developed from aerial photographs of the Sangre de Cristo and Jemez mountains of New Mexico, USA 2002, 11(1), 85-90

# Oswald, BP

Classifying fuels with aerial photography in East Texas **1999**, 9(2), 109-113

Measuring moisture dynamics to predict fire severity in longleaf pine forests **2002**, 11(3&4), 267-279

# Ottmar, RD

Calibration of a Large Fuel Burnout Model 1995, 5(3), 173-192

Ottmar, RD

Characterizing fuels in the 21st Century

2001, 10(3&4), 381-387

#### Ottmar, RD

Evaluation of the composite burn index for assessing fire severity in Alaskan black spruce forests **2008**, *17*(4), 515-526

# Ottmar, RD

Critique of Sikkink and Keane's comparison of surface fuel sampling techniques **2010**, *19*(3), 374-376

#### Ottmar, RD

The combustion of sound and rotten coarse woody debris: a review

2011, 20(2), 163-174

#### Ottmar, RD

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA **2011**, *20*(2), 255-271

## Otway, SG

Predicting sustained smouldering combustion in trembling aspen duff in Elk Island National Park, Canada **2007**, *16*(6), 690-701

#### Outcalt, KW

Seed Production of Wiregrass in Central Florida Following Growing-Season Prescribed Burns

**1994**, 4(2), 123-125

# Outeiro, LR

Effects of prescribed fire on soil quality in Mediterranean grassland (Prades Mountains, north-east Spain) **2005**, *14*(4), 379-384

## Owens, MK

Examining fire behavior in mesquite–acacia shrublands **2005**, *14*(2), 131-140

## Packham, D

Wildfire Activity in the Mallee Shrubland of Victoria, Australia **1993**, *3*(4), 217-227

## Packham, D

Biomass Burning and Resulting Emissions in the Northern Territory, Australia **1995**, *5*(4), 229-235

# Packham, D

The relationship between the monsoonal summer rain and dry-season fire activity of northern Australia **2008**, *17*(5), 674-684

# Packham, DR

A Coupled Atmosphere-Fire Model: Role of the Convective Froude Number and Dynamic Fingering at the Fireline **1996**, 6(4), 177-190

#### Padilla, M

On the comparative importance of fire danger rating indices and their integration with spatial and temporal variables for predicting daily human-caused fire occurrences in Spain **2011**, 20(1), 46-58

#### Pafford, D

Analysis of Experimental Simulation of Ground Surface Heating During a Prescribed Burn

**1991**, 1(2), 125-146

# Page, SE

Effect of repeated fires on landcover change on peatland in southern Central Kalimantan, Indonesia, from 1973 to 2005 **2011**, 20(4), 578-588

#### Pagni, PJ

Firebrands and spotting ignition in large-scale fires **2010**, *19*(7), 818-843

#### Paitre, C

Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata

# **2010**, 19(8), 1015-1025

Pallares-Barbera, M
Spatial distribution of ignitions in Mediterranean periurban and rural areas: the case of Catalonia
2006, 15(2), 187-196

# Palma, CD

Assessing the impact of standlevel harvests on the flammability of forest landscapes **2007**, *16*(5), 584-592

## Pan, Y

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens **2009**, *18*(3), 268-277

## Panov. PI

Pyric properties of some dominant Mediterranean vegetation species **2001**, *10*(1), 23-27

## Pantis, JD

Effects of Fire on Soil Macroinvertebrates in a Mediterranean Phryganic Ecosystem 1995, 5(2), 113-121

# Pappa, A

Effect of fire retardant application on phosphorus leaching from Mediterranean forest soil: short-term laboratory-scale study **2006**, *15*(3), 287-292

# Papst, WA

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, *17*(6), 793-808

#### Parent, G

Spectral emission of flames from laboratory-scale vegetation fires **2009**, *18*(7), 875-884

## Parisien, M-A

Spatial patterns of forest fires in Canada, 1980–1999 **2006**, *15*(3), 361-374

#### Parisien, M-A

Comparing landscape-based decision rules for placement of fuel treatments in the boreal mixedwood of western Canada **2007**, *16*(6), 664-672

# Parisien, M-A

Large fires as agents of ecological diversity in the North American boreal forest **2008**, *17*(6), 754-767

#### Parisien, M-A

Multi-scale evaluation of the environmental controls on burn probability in a southern Sierra Nevada landscape **2011**, 20(7), 815-828

#### Park, PS

Temporal and spatial characteristics of forest fires in South Korea between 1970 and **2003 2006**, *15*(3), 389-396

#### Parks, SA

Multi-scale evaluation of the environmental controls on burn probability in a southern Sierra Nevada landscape **2011**, *20*(7), 815-828

# Parsons, BC

Contemporary fire regimes in a fragmented and an unfragmented landscape: implications for vegetation structure and persistence of the fire-sensitive malleefowl **2011**, 20(2), 184-194

## Parsons, R

Using simulation to map fire regimes: an evaluation of approaches, strategies, and limitations

2003, 12(3&4), 309-322

## Parsons, RA

Relative importance of fuel management, ignition management and weather for area burned: evidence from five landscape–fire–succession models

2009, 18(2), 147-156

# Pasalodos-Tato, M

Optimal management of *Pinus* pinaster in Galicia (Spain) under risk of fire **2010**, 19(7), 937-948

# Pasqualini, V

Volatile and semi-volatile organic compounds in smoke exposure of firefighters during prescribed burning in the Mediterranean region **2010**, *19*(5), 606-612

#### Pastor, E

Long-term forest fire retardants: a review of quality, effectiveness, application and environmental considerations **2004**, *13*(1), 1-15

#### Pastor, F

Modelling the effects of landscape fuel treatments on fire growth and behaviour in a Mediterranean landscape (eastern Spain) **2007**, *16*(5), 619-632

#### Patterson, M

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens **2009**, *18*(3), 268-277

#### Paula, S

Fuel loading and flammability in the Mediterranean Basin woody species with different post-fire regenerative strategies **2010**, *19*(6), 783-794

#### Pausas, JG

Fire regime and post-fire Normalized Difference Vegetation Index changes in the eastern Iberian peninsula (Mediterranean basin) **2006**, *15*(3), 407-413

# Pausas, JG

Spatial and temporal patterns of plant functional types under simulated fire regimes **2007**, *16*(4), 484-492

# Pausas, JG

Are wildfires a disaster in the Mediterranean basin? – A review **2008**, *17*(6), 713-723

## Pausas, JG

Fuel loading and flammability in the Mediterranean Basin woody species with different post-fire regenerative strategies **2010**, *19*(6), 783-794

## Paveglio, TB

Adoption and perceptions of shelter-in-place in California's Rancho Santa Fe Fire Protection District **2010**, *19*(6), 677-688

## Payne, D

Prescribed fire, soils, and stream water chemistry in a watershed in the Lake Tahoe Basin, California **2004**, *13*(1), 27-35

# Paysen, TE

Burning California Chaparral - an Exploratory Study of Some Common Shrubs and Their Combustion Characteristics. **1991**, *I*(3), 153-158

# Paysen, TE

Indications of vigor loss after fire in Caribbean pine (*Pinus caribaea*) from electrical resistance measurements **2006**, *15*(3), 415-425

Pearson, DW

Experimental validation in Mediterranean shrub fuels of seven wildland fire rate of spread models **2001**, *10*(1), 15-22

#### Pearthree, PA

Late Holocene geomorphic record of fire in ponderosa pine and mixed-conifer forests, Kendrick Mountain, northern Arizona, USA **2011**, *20*(1), 125-141

#### Pellizzaro, G

Relationships between seasonal patterns of live fuel moisture and meteorological drought indices for Mediterranean shrubland species **2007**, *16*(2), 232-241

# Pellizzaro, G

Evaluation of FARSITE simulator in Mediterranean maquis

**2007**, 16(5), 563-572

## Pellizzaro, G

Seasonal variations of live moisture content and ignitability in shrubs of the Mediterranean Basin **2007**, *16*(5), 633-641

#### Peng, R

Detection of non-linearities in the dependence of burn area on fuel age and climatic variables **2003**, *12*(1), 1-6

# Penman, TD

Soil temperatures during autumn prescribed burning: implications for the germination of fire responsive species? **2008**, *17*(5), 572-578

# Penman, TD

Prescribed burning: how can it work to conserve the things we value?

**2011**, 20(6), 721-733

# Penman, TD

Bayes Nets as a method for analysing the influence of management actions in fire planning

**2011**, 20(8), 909-920

## Peñuelas, J

Influence of water and terpenes on flammability in some dominant Mediterranean species

2008, 17(2), 274-286

# Peppin, DL

Recent trends in post-wildfire seeding in western US forests: costs and seed mixes **2011**, *20*(5), 702-708

# Pereira, JMC

Structural-Properties and Dimensional Relations of Some Mediterranean Shrub Fuels 1995, 5(1), 35-42

# Pereira, JMC

Remote sensing of burned areas in tropical savannas **2003**, *12*(3&4), 259-270

## Pereira, JMC

Spatial and temporal extremes of wildfire sizes in Portugal (1984–2004)

**2009**, 18(8), 983-991

## Perera, AH

What do we know about forest fire size distribution, and why is this knowledge useful for forest management?

2008, 17(2), 234-244

#### Perevolotsky, A

The Management Implications of the Mt. Carmel Research Project **1997**, 7(4), 343-350

#### Pérez-Cabello, F

Pinus halepensis regeneration after a wildfire in a semiarid environment: assessment using multitemporal Landsat images **2011**, 20(2), 195-208

## Pérez-Gorostiaga, P

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds **2009**, *18*(8), 951-969

#### Pérez-Gorostiaga, P

Effects of soil burn severity on germination and initial establishment of maritime pine seedlings, under greenhouse conditions, in two contrasting experimentally burned soils **2011**, *20*(2), 209-222

## Perrakis, DDB

The transferability of a dNBR-derived model to predict burn severity across 10 wildland fires in western Canada

**2011**, 20(4), 518-531

# Peters, VS

Spatial patterns of forest fires in Canada, 1980–1999 **2006**, *15*(3), 361-374

# Peterson, DL

Postfire Growth of Pseudotsuga menziesii and *Pinus contorta* in the Northern Rocky Mountains, USA

**1991**, *1*(1), 63-71

# Peterson, DL

The Effects of Repeated Prescribed Burning on *Pinus* ponderosa Growth **1994**, 4(4), 239-247

## Peterson, DL

Extrapolation Problems in Modeling Fire Effects at Large Spatial Scales: a Review 1996, 6(4), 165-176

## Peterson, DW

Impacts of erosion control treatments on native vegetation recovery after severe wildfire in the Eastern Cascades, USA **2010**, *19*(4), 490-499

# Peterson, J

The BlueSky smoke modeling framework **2009**, *18*(8), 906-920

Peterson, RL

Predicting the Height to Live Crown Base in Plantations of Four Boreal Forest Species 1994, 4(2), 103-106

## Peterson, SH

Modelling long-term fire regimes of southern California shrublands

2011, 20(1), 1-16

#### Pfaff, AH

Fire suppression impacts on postfire recovery of Sierra Nevada chaparral shrublands **2005**, *14*(3), 255-265

#### Pickett, BM

Flame interactions and burning characteristics of two live leaf samples

2009, 18(7), 865-874

## Pickett, BM

Experimental measurements during combustion of moist individual foliage samples **2010**, *19*(2), 153-162

## Pickford, S

A Note on Fuelbeds and Fire Behavior in Alang-Alang (*Imperata Cylindrica*) **1992**, 2(1), 41-46

#### Picotte, JJ

Validation of remote sensing of burn severity in south-eastern US ecosystems

**2011**, 20(3), 453-464

#### Pierce, J

Long-term fire history from alluvial fan sediments: the role of drought and climate variability, and implications for management of Rocky Mountain forests **2008**, *17*(1), 84-95

## Pierson, FB

Impacts of wildfire on soil hydrological properties of steep sagebrush-steppe rangeland **2002**, *11*(2), 145-151

# Pimont. F

Validation studies of EUMETSAT's active fire monitoring product over Turkey 2009, 18(5), 517-526

# Pimont, F

Validation of FIRETEC windflows over a canopy and a fuelbreak

**2009**, 18(7), 775-790

## Pimont, F

Exploring three-dimensional coupled fire-atmosphere interactions downwind of wind-driven surface fires and their influence on backfires using the HIGRAD-FIRETEC model **2011**, 20(6), 734-750

# Piñol, J

Estimating live fine fuels moisture content using meteorologically-based indices **2001**, *10*(2), 223-240

#### Piñol, J

Generalization of the fire line rotation model to curved fire lines

2006, 15(4), 447-456

# Piromsopa, K

Climatological and statistical characteristics of the Haines Index for North America **2007**, *16*(2), 139-152

# Pita, LP

Fire spread in canyons **2004**, *13*(3), 253-274

#### Pitman, AJ

Regional signatures of future fire weather over eastern Australia from global climate models

2011, 20(4), 550-562

#### Planas, E

Long-term forest fire retardants: a review of quality, effectiveness, application and environmental considerations **2004**, *13*(1), 1-15

## Platt, WJ

Effects of exotic grasses on potential fine fuel loads in the groundcover of south Florida slash pine savannas **2001**, *10*(2), 155-159

# Plucinski, MP

Laboratory determination of factors influencing successful point ignition in the litter layer of shrubland vegetation **2008**, *17*(5), 628-637

## Plucinski, MP

The initiation of fire spread in shrubland fuels recreated in the laboratory **2010**, 19(4), 512-520

# Podur. J

Defining fire spread event days for fire-growth modelling **2011**, 20(4), 497-507

## Podur, JJ

A simulation model of the growth and suppression of large forest fires in Ontario **2007**, *16*(3), 285-294

## Poespowati, T

The role of extinction on the reignition potential of woodbased embers in bushfires **2007**, *16*(5), 547-555

## Pollet, J

Effect of thinning and prescribed burning on crown fire severity in ponderosa pine forests

**2002**, 11(1), 1-10

# Pollock, GH

Postfire Growth of Pseudotsuga menziesii and *Pinus contorta* in the Northern Rocky Mountains, USA

**1991**, *1*(1), 63-71

## Polykrati, AD

A model for calculating the temperature of aluminium particles ejected from overhead low-voltage lines owing to a short-circuit **2009**, *18*(6), 722-726

#### Pompa, J

A critical assessment of the Burning Index in Los Angeles County, California **2007**, *16*(4), 473-483

## Pons, X

Statistical analysis of fire frequency models for Catalonia (NSpain), 1975–1998) based on fire scar maps from Landsat MSS data **2004**, *13*(1), 89-99

#### Pook, EW

Variation of Live and Dead Fine Fuel Moisture in *Pinus* radiata Plantations of the Australian-Capital-Territory **1993**, 3(3), 155-168

#### Porterie, B

A numerical study of buoyant plumes in cross-flow conditions **1999**, *9*(2), 101-108

## Porterie, B

Fire spread across pine needle fuel beds: characterization of temperature and velocity distributions within the fire plume

**2004**, *13*(1), 37-48

#### Porterie, B

Spectral emission of flames from laboratory-scale vegetation fires **2009**, *18*(7), 875-884

#### Portier, D

The effects of slope and fuel bed width on laboratory fire behaviour **2011**, 20(2), 272-288

## Poth, M

Prescribed fire, soils, and stream water chemistry in a watershed in the Lake Tahoe Basin, California **2004**, *13*(1), 27-35

# Potter, BE

Atmospheric Properties Associated With Large Wildfires 1996, 6(2), 71-76

# Potter, BE

A dynamics based view of atmosphere–fire interactions **2002**, *11*(3&4), 247-255

# Potter, BE

The role of released moisture in the atmospheric dynamics associated with wildland fires **2005**, *14*(2), 77-84

# Potter, BE

In situ measurements of water vapor, heat, and  $CO_2$  fluxes within a prescribed grass fire **2006**, 15(3), 299-306

## Potter, BE

Climatological and statistical characteristics of the Haines Index for North America **2007**, *16*(2), 139-152

## Potter, BE

Preface to 'Fire and Forest Meteorology' **2007**, *16*(2), iii-iii

## Powers, RF

Lethal soil temperatures during burning of masticated forest residues

2005, 14(3), 267-276

## Prasad, AM

A comparison of thermocouples and temperature paints to monitor spatial and temporal characteristics of landscapescale prescribed fires **2004**, *13*(3), 311-322

#### Preece, N

Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management **2003**, *12*(3&4), 415-425

#### Preece, N

Traditional and ecological fires and effects of bushfire laws in north Australian savannas **2007**, *16*(4), 378-389

#### Preisler, HK

Probability based models for estimation of wildfire risk **2004**, *13*(2), 133-142

## Preisler, HK

Wildland fire probabilities estimated from weather model-deduced monthly mean fire danger indices **2008**, *17*(3), 305-316

#### Preisler, HK

Forecasting distributions of large federal-lands fires utilizing satellite and gridded weather information **2009**, *18*(5), 508-516

## Preisler, HK

Spatially explicit forecasts of large wildland fire probability and suppression costs for California

2011, 20(4), 508-517

# Prestemon, JP

Spatio-temporal analysis of wildfire ignitions in the St Johns River Water Management District, Florida **2006**, *15*(1), 87-97

# Prestemon, JP

Economic optimisation of wildfire intervention activities **2010**, *19*(5), 659-672

## Price, O

Fine-scale patchiness of different fire intensities in sandstone heath vegetation in northern Australia **2003**, *12*(2), 227-236

## Price, C

Monitoring the impacts of fire regimes on vegetation in northern Australia: an example from Kakadu National Park **2003**, *12*(3&4), 427-440

# Price, O

Prescribed burning: how can it work to conserve the things we value?

**2011**, 20(6), 721-733

#### Price, O

Bayes Nets as a method for analysing the influence of management actions in fire planning **2011**, 20(8), 909-920

#### Price, OF

Efficacy of permanent firebreaks and aerial prescribed burning in western Arnhem Land, Northern Territory, Australia

2007, 16(3), 295-305

#### Price, OF

The effect of fuel age on the spread of fire in sclerophyll forest in the Sydney region of Australia

2010, 19(1), 35-45

#### Price, OF

Quantifying the influence of fuel age and weather on the annual extent of unplanned fires in the Sydney region of Australia

**2011**, 20(1), 142-151

#### Prior, T

The art of learning: wildfire, amenity migration and local environmental knowledge **2011**, *20*(4), 612-624

## Pritchard, JM

Remote sensing of burn severity: experience from western Canada boreal fires **2008**, 17(4), 476-489

## Pritchard, JN

Estimating direct carbon emissions from Canadian wildland fires **2007**, *16*(5), 593-606

# Prober, SM

Effects of fire frequency and mowing on a temperate, derived grassland soil in south-eastern Australia

2008, 17(5), 586-594

# Prober, SM

Repeated disturbance through chaining and burning differentially affects recruitment among plant functional types in fire-prone heathlands **2010**, *19*(1), 52-62

# Prodon, R

Seed predation by birds shortly after a wildfire in a Corsican pine forest

**2006**, 15(1), 81-86

# Prosper-Laget, V

A Satellite Index of Risk of Forest Fire Occurrence in Summer in the Mediterranean Area

**1998**, 8(4), 173-182

## Provencher, L

Implementation of mid-scale fire regime condition class mapping

**2008**, 17(3), 390-406

#### Psarros, EG

A model for calculating the temperature of aluminium particles ejected from overhead low-voltage lines owing to a short-circuit **2009**, *18*(6), 722-726

#### Pu R

A dynamic algorithm for wildfire mapping with NOAA/AVHRR data **2004**, *13*(3), 275-285

#### Pukkala, T

Optimal management of *Pinus pinaster* in Galicia (Spain) under risk of fire **2010**, *19*(7), 937-948

## Putnam, T

Fire shelter performance in simulated wildfires: an exploratory study **2001**, *10*(1), 29-44

## Putnam, T

Effect of fire shelters on perceived fire danger: implications for risk compensation **2005**, *14*(3), 297-306

#### Puttonen, P

Experimental fire behaviour in managed *Pinus sylvestris* and *Picea abies* stands of Finland **2007**, *16*(4), 414-425

#### Putz, FE

Fire ignition patterns affect production of charcoal in southern forests **2011**, 20(3), 474-477

# PWalsh, RPD

Wildfire Impacts on Soil-Erosion and Hydrology in Wet Mediterranean Forest, Portugal **1993**, 3(2), 95-110

# Pyne, SJ

Problems, paradoxes, paradigms: triangulating fire research **2007**, *16*(3), 271-276

## Pyrke A

Fire modelling in Tasmanian buttongrass moorlands. IV. Sustaining versus nonsustaining fires **2001**, *10*(2), 255-262

# Pyrke, A

Simulation of prescribed burning strategies in south-west Tasmania, Australia: effects on unplanned fires, fire regimes, and ecological management values

**2006**, 15(4), 527-540

## Qu, JJ

Smoke incursions into urban areas: simulation of a Georgia prescribed burn **2009**, *18*(3), 336-348

# Queen, LP

Fire modeling and information system technology **2001**, *10*(3&4), 343-352

#### Quero, MO

Recent fire regime in peninsular Spain in relation to forest potential productivity and population density **2006**, *15*(3), 397-405

#### Ouinn, JF

Quantifying the fire regime distributions for severity in Yosemite National Park, California, USA **2011**, *20*(2), 223-239

#### Rabelo, ERC

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire **2010**, *19*(6), 795-799

## Radeloff, VC

Wildland–urban interface housing growth during the 1990s in California, Oregon, and Washington **2007**, 16(3), 255-265

#### Radeloff, VC

Predicting spatial patterns of fire on a southern California landscape

**2008**, 17(5), 602-613

#### Radeloff, VC

Allocating fuel breaks to optimally protect structures in the wildland–urban interface **2011**, *20*(1), 59-68

#### Radke, LF

A prescription for controlling the air pollution resulting from the use of prescribed biomass fire: clouds **2001**, *10*(2), 103-111

## Raffaele, E

The historical range of variability of fires in the Andean–Patagonian *Nothofagus* forest region **2008**, *17*(6), 724-741

2000, 17 (0), 72

## Raffuse, S

The BlueSky smoke modeling framework **2009**, *18*(8), 906-920

# Raftoyannis, Y

Evaluation of log and branch barriers as post-fire rehabilitation treatments in a Mediterranean pine forest in Greece

**2005**, 14(2), 183-188

# Raimundo, AM

Numerical Predictions on the Soil Thermal Effect Under Surface Fire Conditions **1997**, *7*(1), 51-63

# Ralph, CJ

Vegetation and topographical correlates of fire severity from two fires in the Klamath-Siskiyou region of Oregon and California

2006, 15(2), 237-245

## Ram, SC

Fire and Nutrient Cycling in Seral Grasslands of Cherrapunji in North-Eastern India 1992, 2(3), 131-138

#### Ramakrishnan, PS

Fire and Nutrient Cycling in Seral Grasslands of Cherrapunji in North-Eastern India 1992, 2(3), 131-138

# Ramon Vallejo, VR

Soil responses to fire in Mediterranean forest landscapes in relation to the previous stage of land abandonment **2009**, *18*(2), 222-232

#### Rasmussen, K

Utilization of NOAA AVHRR for assessing the determinants of savanna fire distribution in Burkina Faso **2001**, *10*(2), 129-135

#### Ratle, F

Detection of clusters using space–time scan statistics **2009**, *18*(7), 830-836

#### Ratz, A

Long-Term Spatial Patterns Created by Fire: a Model Oriented Towards Boreal Forests 1995, 5(1), 25-34

#### Rausch, M

The development of fireinduced damage functions for forest recreation activity in Alberta, Canada **2010**, 19(1), 63-74

#### Raventós, J

Fuel characteristics and fire behaviour in mature Mediterranean gorse shrublands **2004**, *13*(1), 79-87

## Raventós, J

Fire and torrential rainfall: effects on seedling establishment in Mediterranean gorse shrublands **2005**, *14*(4), 413-422

## Rawambaku, A

Remote sensing of fire regimes in semi-arid Nusa Tenggara Timur, eastern Indonesia: current patterns, future prospects **2006**, *15*(3), 307-317

## Rawet, D

A Comparison of Water Additives for Mopping-up After Forest Fires **1996**, *6*(1), 37-43

## Raymond, DA

Estimating direct carbon emissions from Canadian wildland fires **2007**, *16*(5), 593-606

## Reardon,

Measuring duff moisture content in the field using a portable meter sensitive to dielectric permittivity **2004**, *13*(3), 343-353

# Reardon, J

Prediction and measurement of thermally induced cambial tissue necrosis in tree stems **2006**, *15*(1), 3-17

#### Reardon, J

Factors affecting sustained smouldering in organic soils from pocosin and pond pine woodland wetlands **2007**, *16*(1), 107-118

#### Reardon, J

Soil moisture dynamics and smoldering combustion limits of pocosin soils in North Carolina, USA **2009**, 18(3), 326-335

#### Reardon, JJ

Simulation of Crown Fire Effects on Canopy Seed Bank in Lodgepole Pine **1996**, 6(1), 45-49

#### Rebbeck, J

A comparison of thermocouples and temperature paints to monitor spatial and temporal characteristics of landscapescale prescribed fires **2004**, *13*(3), 311-322

#### Redmann, RE

Nitrogen Losses to the Atmosphere From Grassland Fires in Saskatchewan, Canada 1991, 1(4), 239-244

#### Reeves, HC

Wildfire in the Yugoslav Area and Eastern Mediterranean Region **1993**, *3*(3), 123-130

## Reeves, HC

Classifying fuels with aerial photography in East Texas **1999**, *9*(2), 109-113

# Reeves, MC

Spatial fuel data products of the LANDFIRProject **2009**, *18*(3), 250-267

# Regelbrugge, JC

Modeling Tree Mortality Following Wildfire in *Pinus ponderosa* Forests in the Central Sierra-Nevada of California **1993**, 3(3), 139-148

# Rego, FC

Demographic Patterns and Productivity of Post-Fire Regeneration in Portuguese Mediterranean Maquis 1996, 6(1), 5-12

# Rego, FC

A New Method to Estimate Fuel Surface Area-to-Volume Ratio Using Water Immersion 1998, 8(2), 59-66

## Rego, FC

A New Method to Estimate Fuel Surface Area-to-Volume Ratio Using Water Immersion. 1998, 8(3), 121-128

## Rego, FC

Soil water dynamics after fire in a Portuguese shrubland **2006**, *15*(1), 99-111

## Rego, FC

Empirical modelling of surface fire behaviour in maritime pine stands

**2009**, 18(6), 698-710

# Rego, FC

Modeling and mapping wildfire ignition risk in Portugal **2009**, *18*(8), 921-931

#### Rehm, RG

A simple model for wind effects of burning structures and topography on wildland–urban interface surface-fire propagation **2009**, *18*(3), 290-301

#### Rehm, RG

The wildland–urban interface fire problem – current approaches and research needs **2010**, 19(2), 238-251

#### Reich RM

Spatial models for estimating fuel loads in the Black Hills, South Dakota, USA **2004**, *13*(1), 119-129

## Reinbold, HJ

Evaluation of the Experimental Climate Prediction Center's fire danger forecasts with remote automated weather station observations **2005**, *14*(2), 19-36

# Reineking, B

Environmental determinants of lightning- v. human-induced forest fire ignitions differ in a temperate mountain region of Switzerland **2010**, *19*(5), 541-557

# Reinhardt, E

Evaluation of a post-fire tree mortality model for western USA conifers **2007**, *16*(6), 679-689

## Reinhardt, ED

Modeling Ignition and Burning Rate of Large Woody Natural Fuels 1995, 5(2), 81-91

# Reinhardt, ED

Calibration of a Large Fuel Burnout Model 1995, 5(3), 173-192

# Reinhardt, ED

Improved Calibration of a Large Fuel Burnout Model **1997**, 7(1), 21-28

# Reinhardt, ED

Modeling fire effects **2001**, *10*(3&4), 373-380

# Reisch, NB

Long-term impacts of prescribed burns on soil thermal conductivity and soil heating at a Colorado Rocky Mountain site: a data/model fusion study **2008**, *17*(1), 131-146

## Reisner, J

Studying wildfire behavior using FIRETEC **2002**, *11*(3&4), 233-246

## Retana, J

Topography and forest composition affecting the variability in fire severity and post-fire regeneration occurring after a large fire in the Mediterranean basin **2004**, *13*(2), 209-216

#### Retana, J

Post-dispersal seed predation in Pinus halepensis and consequences on seedling establishment after fire 2008, 17(3), 407-414

#### Retana, J

Factors influencing the pattern of fire severities in a large wildfire under extreme meteorological conditions in the Mediterranean basin 2009, 18(7), 755-764

#### Reuter, G

Fire-growth modelling using meteorological data with random and systematic perturbations 2007, 16(2), 174-182

#### Reuter, G

An approach to operational forest fire growth predictions for Canada 2009, 18(8), 893-905

Effect of particle orientation and of flow velocity on the combustibility of Pinus pinaster and Eucalyptus globulus firebrand material 2011, 20(8), 946-962

# Reyes, O

Influence of heat and smoke treatments on the germination of six leguminous shrubby species

2006, 15(1), 73-80

## Reynolds, JH

Evaluating the ability of the differenced Normalized Burn Ratio (dNBR) to predict ecologically significant burn severity in Alaskan boreal forests

**2008**, 17(4), 490-499

# Rhoades, CC

The influence of wildfire extent and severity on streamwater chemistry, sediment and temperature following the Hayman Fire, Colorado 2011, 20(3), 430-442

## Riaño, D

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging **2007**, *16*(3), 341-348

# Ribeiro, LM

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging **2007**, 16(3), 341-348

## Ribeiro, LM

Linear model for spread rate and mass loss rate for mixedsize fuel beds **2010**, 19(5), 531-540

Richard, PJH

Effects of vegetation zones and climatic changes on fireinduced atmospheric carbon emissions: a model based on paleodata **2010**, 19(8), 1015-1025

# Richard, PJH

Resilience of the boreal forest in response to Holocene firefrequency changes assessed by pollen diversity and population dynamics 2010, 19(8), 1026-1039

#### Richards, GD

A General Mathematical Framework for Modeling Two-Dimensional Wildland Fire Spread **1995**, 5(2), 63-72

#### Richards, GD

A Computer Algorithm for Simulating the Spread of Wildland Fire Perimeters for Heterogeneous Fuel and Meteorological Conditions 1995, 5(2), 73-79

# Richards, GD

The mathematical modelling and computer simulation of wildland fire perimeter growth over a 3-dimensional surface **1999**, 9(3), 213-221

# Richardson, DM

A Computer-Based System for Fire Management in the Mountains of the Cape Province, South-Africa **1994**, 4(1), 17-32

## Rideout-Hanzak, S

Fuel characterization in the southern Appalachian Mountains: an application of Landscape Ecosystem Classification 2009, 18(4), 423-429

## Riebau, AR

The new smoke management 2001, 10(3&4), 415-427

## Rieck, JD

Built structure identification in wildland fire decision support 2011, 20(1), 78-90

## Rielev, JO

Effect of repeated fires on landcover change on peatland in southern Central Kalimantan, Indonesia, from 1973 to 2005 **2011**, 20(4), 578-588

## Riesterer, H

Snag dynamics in a chronosequence of 26 wildfires on the east slope of the Cascade Range in Washington State, USA

1999, 9(4), 223-234

# Riggan, PJ

A prescription for controlling the air pollution resulting from the use of prescribed biomass fire: clouds 2001, 10(2), 103-111

#### Riordan, K

Development of calibration algorithms for selected water content reflectometry probes for burned and non-burned organic soils of Alaska

2010, 19(7), 961-975

# Ripabelli, G

Effects of Heating on the Microbial Populations of a Grassland Soil **1996**, 6(2), 67-70

#### Rivas Soriano, L

Prediction of the daily number of forest fires

1999, 9(3), 207-211

#### Rivas, M

Influence of heat and smoke treatments on the germination of six leguminous shrubby species

2006, 15(1), 73-80

## Roads, J

Seasonal fire danger forecasts for the USA 2005, 14(2), 1-18

#### Roads, J

NCEP-ECPC monthly to seasonal US fire danger forecasts **2010**, 19(4), 399-414

Roads, JO

Medium-range fire weather forecasts

**1991**, 1(3), 159-176

## Roads, JO

Evaluation of the Experimental Climate Prediction Center's fire danger forecasts with remote automated weather station observations 2005, 14(2), 19-36

## Robak, D

Assessing the impact of standlevel harvests on the flammability of forest landscapes 2007, 16(5), 584-592

# Robberecht, R

The Relative Sensitivity of Two Bunchgrass Species to Fire **1995**, 5(3), 127-134

## Robberecht, R

Length and Timing of Grazing on Postburn Productivity of Two Bunchgrasses in an Idaho Experimental Range **1998**, 8(1), 15-20

# Robert, F

Experimental validation in Mediterranean shrub fuels of seven wildland fire rate of spread models 2001, 10(1), 15-22

## Roberts, G

Southern African fire regimes as revealed by remote sensing 2010, 19(7), 861-878

## Robertson, KM

Validation of remote sensing of burn severity in south-eastern US ecosystems

**2011**, 20(3), 453-464

# Robichaud, PR

Spatial interpolation and simulation of post-burn duff thickness after prescribed fire **1999**, 9(2), 137-143

# Robichaud, PR

Measuring duff moisture content in the field using a portable meter sensitive to dielectric permittivity 2004, 13(3), 343-353

#### Robichaud, PR

Measurement of post-fire hillslope erosion to evaluate and model rehabilitation treatment effectiveness and recovery 2005, 14(4), 475-485

## Robichaud, PR

Evaluating the effectiveness of contour-felled log erosion barriers as a post-fire runoff and erosion mitigation treatment in the western United States 2008, 17(2), 255-273

# Robichaud, PR

Remote sensing for prediction of 1-year post-fire ecosystem condition

2009, 18(5), 594-608

#### Robichaud, PR

Using hyperspectral imagery to estimate forest floor consumption from wildfire in boreal forests of Alaska, USA 2011, 20(2), 255-271

# Robichaud, PR

Recent trends in post-wildfire seeding in western US forests: costs and seed mixes 2011, 20(5), 702-708

## Robichaud, PR

Predicting post-fire hillslope erosion in forest lands of the western United States 2011, 20(8), 982-999

# Robinson, AP

The impacts of large-scale, lowintensity fires on the forests of continental South-east Asia 2008, 17(6), 782-792

# Robinson, AP

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

# Robinson, CT

Water quality, substratum and biotic responses of five central Idaho (USA) streams during the first year following the Mortar Creek fire 2001, 10(2), 185-199

# Robinson, CT

Benthic macroinvertebrate assemblages in five central Idaho (USA) streams over a 10year period following disturbance by wildfire 2001, 10(2), 201-213

# Robinson, LJ

Postfire Growth of Pseudotsuga menziesii and Pinus contorta in the Northern Rocky Mountains, USA

**1991**, 1(1), 63-71

Robinson, LJ

The Effects of Repeated Prescribed Burning on Pinus ponderosa Growth 1994, 4(4), 239-247

## Robitaille, A

The effects of surficial depositdrainage combinations on spatial variations of fire cycles in the boreal forest of eastern Canada **2010**, 19(8), 1083-1098

#### Roccaforte, JP

Landscape-scale changes in canopy fuels and potential fire behaviour following ponderosa pine restoration treatments **2008**, *17*(2), 293-303

#### Röder, A

Modelling the effects of landscape fuel treatments on fire growth and behaviour in a Mediterranean landscape (eastern Spain) **2007**, 16(5), 619-632

Rodréguez y Silva, F 'SINAMI': a tool for the economic evaluation of forest fire management programs in Mediterranean ecosystems 2010, 19(7), 927-936

Post-dispersal seed predation in Pinus halepensis and consequences on seedling establishment after fire **2008**, 17(3), 407-414

## Rodrigo, A

Are wildfires a disaster in the Mediterranean basin? - A review

2008, 17(6), 713-723

## Rodríguez-Pérez, JR Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging

**2007**, 16(3), 341-348

## Rodríguez-Trejo, DA Fire ecology of Mexican pines and a fire management proposal **2003**, 12(1), 23-37

Rodríguez-Trejo, DA First year survival of Pinus hartwegii following prescribed burns at different intensities and different seasons in central Mexico

2007, 16(1), 54-62

## Rodriquez, MO

Indications of vigor loss after fire in Caribbean pine (Pinus caribaea) from electrical resistance measurements 2006, 15(3), 415-425

# Rogers, C

Relationships between prescribed burning and wildfire occurrence and intensity in pine-hardwood forests in north Mississippi, USA **2006**, 15(2), 203-211

## Rollins, MG

Mapping fire regimes across time and space: Understanding coarse and fine-scale fire patterns

**2001**, 10(3&4), 329-342

#### Rollins, MG

LANDFIRE: a nationally consistent vegetation, wildland fire, and fuel assessment 2009, 18(3), 235-249

# Rollins, MG

Spatial fuel data products of the LANDFIRProject 2009, 18(3), 250-267

#### Romme, WH

Initial Floristics in Lodgepole Pine (Pinus contorta) Forests Following the 1988 Yellowstone Fires 1991, 1(2), 119-124

## Romme, WH

Prefire heterogeneity, fire severity, and early postfire plant reestablishment in subalpine forests of Yellowstone National Park, Wyoming **1999**, 9(1), 21-36

#### Romme, WH

Predicting and mitigating weed invasions to restore natural post-fire succession in Mesa Verde National Park, Colorado, USA

2006, 15(2), 247-259

## Rorig, ML

Evaluation of MM5 model resolution when applied to prediction of National Fire Danger Rating indexes 2006, 15(2), 147-154

# Rorig, ML

The BlueSky smoke modeling framework

2009, 18(8), 906-920

# Roselle, L

Delaying sheep grazing after wildfire in sagebrush steppe may not affect vegetation recovery

**2010**, 19(1), 115-122

## Ross, MS

Fuel loads, fire regimes, and post-fire fuel dynamics in Florida Keys pine forests 2006, 15(4), 463-478

## Roswintiarti, O

Characterizing and mapping fuels for Malaysia and western Indonesia

2004, 13(3), 323-334

Relationships between landscape patterns and fire occurrence within a successional gradient in sagebrush steppe-juniper woodland

2011, 20(1), 69-77

# Rothermel, RC

Predicting Behavior of the 1988 Yellowstone Fires: Projections versus Reality **1991**, 1(1), 1-10

#### Rothermel, RC

Fire Behavior Experiments in Mixed Fuel Complexes **1993**, 3(1), 45-57

#### Roundy, BA

Influence of Canopy Removal by Burning or Clipping on Emergence of Eragrostis lehmanniana Seedlings **1991**, 1(1), 35-40

# Roy, DP

Field estimation of ash and char colour-lightness using a standard grev scale 2010, 19(6), 698-704

Global assessment of the temporal reporting accuracy and precision of the MODIS burned area product **2010**, 19(6), 705-709

## Roy, DP

Southern African fire regimes as revealed by remote sensing 2010, 19(7), 861-878

## Rubio, E

Is the net new carbon increment of coppice forest stands of Quercus ilex ssp. ballota affected by post-fire thinning treatments and recurrent fires? 2010, 19(5), 637-648

#### Rubio, JL

Postfire Effects on Soil Properties and Nutrient Losses **1996**, 6(2), 53-58

# Ruby, BC

Wildland firefighter load carriage: effects on transit time and physiological responses during simulated escape to safety zone **2003**, 12(1), 111-116

## Ruiz González, AD

Construction of empirical models for predicting Pinus sp. dead fine fuel moisture in NW Spain. I: Response to changes in temperature and relative humidity

2009, 18(1), 71-83

# Ruiz-Gallardo, JR

Application of remote sensing and GIS to locate priority intervention areas after wildland fires in Mediterranean systems: a case study from south-eastern Spain

**2004**, 13(3), 241-252

# Ruiz-Valera, M

Soil responses to fire in Mediterranean forest landscapes in relation to the previous stage of land abandonment 2009, 18(2), 222-232

## Rundel, P

Detection of non-linearities in the dependence of burn area on fuel age and climatic variables 2003, 12(1), 1-6

# Running, SW

Remote Sensing of Forest Fire Severity and Vegetation Recovery **1996**, 6(3), 125-136

#### Rupp, TS

Analysis of Alaskan burn severity patterns using remotely sensed data 2007, 16(3), 277-284

# Russell-Smith, J

A tale of two parks: contemporary fire regimes of Litchfield and Nitmiluk National Parks, monsoonal northern Australia 2001, 10(1), 79-89

#### Russell-Smith, J

Fine-scale patchiness of different fire intensities in sandstone heath vegetation in northern Australia 2003, 12(2), 227-236

## Russell-Smith, J

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

#### Russell-Smith, J

Contemporary fire regimes of northern Australia, 1997-2001: change since Aboriginal occupancy, challenges for sustainable management 2003, 12(3&4), 283-297

# Russell-Smith, J

Fire regimes and vegetation sensitivity analysis: an example from Bradshaw Station, monsoonal northern Australia 2003, 12(3&4), 349-358

# Russell-Smith, J

Patterns of landscape fire and predicted vegetation response in the North Kimberley region of Western Australia 2003, 12(3&4), 369-379

## Russell-Smith, J

Monitoring the impacts of fire regimes on vegetation in northern Australia: an example from Kakadu National Park 2003, 12(3&4), 427-440

## Russell-Smith, J

Fire and savanna landscapes in northern Australia: regional lessons and global challenges 2003, 12(3&4), v-ix

# Russell-Smith, J

Remote sensing of fire regimes in semi-arid Nusa Tenggara Timur, eastern Indonesia: current patterns, future prospects 2006, 15(3), 307-317

## Russell-Smith, J

Seasonality and fire severity in savanna landscapes of monsoonal northern Australia 2006, 15(4), 541-550

## Russell-Smith, J

Fire regimes and soil erosion in north Australian hilly savannas 2006, 15(4), 551-556

Russell-Smith, J

Efficacy of permanent firebreaks and aerial prescribed burning in western Arnhem Land, Northern Territory, Australia 2007, 16(3), 295-305

Russell-Smith, J

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning 2007, 16(4), 361-377

Russell-Smith, J

Big fires and their ecological impacts in Australian savannas: size and frequency matters 2008, 17(6), 768-781

Russell-Smith, J

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications **2009**, 18(1), 1-18

Russell-Smith, J

Ecological thresholds and the status of fire-sensitive vegetation in western Arnhem Land, northern Australia: implications for management **2009**, 18(2), 127-146

Russell-Smith, J

Fire severity in a northern Australian savanna landscape: the importance of time since previous fire **2010**, 19(1), 46-51

Wildland fire spread modelling using cellular automata: evolution in large-scale spatially heterogeneous environments under fire suppression tactics 2011, 20(5), 633-647

Rutherford, MD

Evaluation of ERS SAR data for prediction of fire danger in a Boreal region **1999**, 9(3), 183-194

Ruthford, JE

Measuring moisture dynamics to predict fire severity in longleaf pine forests 2002, 11(3&4), 267-279

Rutigliano, FA

Functional diversity of the microbial community in Mediterranean maquis soils as affected by fires 2005, 14(4), 355-363

Rutigliano, FA

Post-fire stimulation of soil biogenic emission of CO2 in a sandy soil of a Mediterranean shrubland 2007, 16(5), 573-583

Rvan, K

Factors affecting sustained smouldering in organic soils from pocosin and pond pine woodland wetlands 2007, 16(1), 107-118

Ryan, KC

Basal Injury From Smoldering Fires in Mature Pinus ponderosa Laws **1991**, 1(2), 107-118

Ryan, KC

Remote Sensing of Forest Fire Severity and Vegetation Recovery **1996**, 6(3), 125-136

Ryan, KC

Introduction: Integrating spatial technologies and ecological principles for a new age in fire management 2001, 10(3&4), 263-265

Ryan, KC

Evaluation of a post-fire tree mortality model for western USA conifers **2007**, 16(6), 679-689

Ryan, KC

Spatial fuel data products of the LANDFIRE Project 2009, 18(3), 250-267

Sackett, SS

The Effects of Repeated Prescribed Burning on Pinus ponderosa Growth **1994**, 4(4), 239-247

Safford, HD

Fire suppression impacts on postfire recovery of Sierra Nevada chaparral shrublands 2005, 14(3), 255-265

Safriel, UN

The Carmel Fire and Its Conservation Repercussions **1997**, 7(4), 277-284

Sağlam, B

Estimating crown fuel loading for calabrian pine and Anatolian black pine

**2008**, 17(1), 147-154

Sah, JP

Fuel loads, fire regimes, and post-fire fuel dynamics in Florida Keys pine forests **2006**, 15(4), 463-478

Saint-Germain, M

Effect of fire severity on longterm occupancy of burned boreal conifer forests by saproxylic insects and woodforaging birds 2010, 19(4), 500-511

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging 2007, 16(3), 341-348

Salinesi, P

Physical modelling of forest fire spreading through heterogeneous fuel beds 2011, 20(5), 625-632

Salis, M

Evaluation of FARSITE simulator in Mediterranean maquis **2007**, 16(5), 563-572

Sammarco, ML

Effects of Heating on the Microbial Populations of a Grassland Soil **1996**, 6(2), 67-70

Sampson, RN

Spatial data for national fire planning and fuel management 2001, 10(3&4), 353-372

San, JJ

Mass and Energy Transfer Within and Between Burned and Unburned Savanna Environments 1992, 2(4), 153-160

Sánchez Palomares, O

Recent fire regime in peninsular Spain in relation to forest potential productivity and population density 2006, 15(3), 397-405

Sánchez, JM

Fire danger estimation from MODIS Enhanced Vegetation Index data: application to Galicia region (north-west Spain) 2011, 20(3), 465-473

Sánchez-Flores, E

Site environment characterization of downed woody fuels in the Rincon Mountains, Arizona: regression tree approach 2004, 13(4), 467-477

Sandberg, DV

Characterizing fuels in the 21st Century 2001, 10(3&4), 381-387

Sandberg, DV

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire 2010, 19(6), 795-799

Sanecki, GM

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, 17(6), 793-808

Santana, VM

Fuel structural traits modulating soil temperatures in different species patches of Mediterranean Basin shrublands 2011, 20(5), 668-677

Santelices, R

Early post-fire succession in a Nothofagus glauca forest in the Coastal Cordillera of southcentral Chile 2002, 11(2), 115-125

Santoni, PA

Dynamic modelling of fire spread across a fuel bed 1999, 9(4), 275-284

Santoni, PA

Dynamic modelling of upslope fire growth **1999**, 9(4), 285-292

Santoni, PA

A two-dimensional model of fire spread across a fuel bed including wind combined with slope conditions 2002, 11(1), 53-63

Santoni, PA

Fire spread across pine needle fuel beds: characterization of temperature and velocity distributions within the fire plume 2004, 13(1), 37-48

Santos, JC

Understorey fire propagation and tree mortality on adjacent areas to an Amazonian deforestation fire 2010, 19(6), 795-799

Santos, P

Smoke measurements during Gestosa-2002 experimental field fires 2005, 14(2), 107-116

Saphir, N

Seedling Mortality in Regeneration of Aleppo Pine Following Fire and Attack by the Scale Insect Matsucoccus josephi **1997**, 7(4), 327-333

Sarà, M

Great tit (Parus major) breeding in fire-prone oak woods: differential effects of post-fire conditions on reproductive stages **2011**, 20(4), 605-611

Satoh, K

Artificial neural network approach for modeling the impact of population density and weather parameters on forest fire risk 2009, 18(6), 640-647

Saura-Mas, S

Fuel loading and flammability in the Mediterranean Basin woody species with different post-fire regenerative strategies **2010**, 19(6), 783-794

Sauvagnargues-Lesage, S Experimental validation in Mediterranean shrub fuels of seven wildland fire rate of spread models 2001, 10(1), 15-22

Savadogo, P

Fuel and fire characteristics in savanna-woodland of West Africa in relation to grazing and dominant grass type 2007, 16(5), 531-539

Sawadogo, L.

Fuel and fire characteristics in savanna-woodland of West Africa in relation to grazing and dominant grass type 2007, 16(5), 531-539

Scarborough, J

A dynamic algorithm for wildfire mapping with NOAA/AVHRR data 2004, 13(3), 275-285

#### Schatz, J

Improving estimates of savanna burning emissions for greenhouse accounting in northern Australia: limitations, challenges, applications **2009**, *18*(1), 1-18

#### Scheller, RM

Simulating landscape-scale effects of fuels treatments in the Sierra Nevada, California, USA **2011**, 20(3), 364-383

#### Schellhaas, R

Snag dynamics in a chronosequence of 26 wildfires on the east slope of the Cascade Range in Washington State, USA

1999, 9(4), 223-234

#### Schiller, G

Seedling Mortality in Regeneration of Aleppo Pine Following Fire and Attack by the Scale Insect *Matsucoccus josephi* 

**1997**, 7(4), 327-333

#### Schiller, G

The Management Implications of the Mt. Carmel Research Project **1997**, 7(4), 343-350

## Schmidt, KM

Spatial data for national fire planning and fuel management **2001**, *10*(3&4), 353-372

## Schmidtlein, S

Spatial variation of trends in wildfire and summer drought in British Columbia, Canada, 1920–2000 **2010**, *19*(3), 272-283

# Schneller, MC

A Stirred Water Calorimeter for Measuring Heat Flux From Smoldering Combustion 1998, 8(3), 129-135

## Schoenberg, FP

Detection of non-linearities in the dependence of burn area on fuel age and climatic variables **2003**, *12*(1), 1-6

# Schoenberg, FP

A critical assessment of the Burning Index in Los Angeles County, California **2007**, *16*(4), 473-483

## Schoennagel, T

Landscape heterogeneity following large fires: insights from Yellowstone National Park, USA 2008, 17(6), 742-753

# Schoettle, AW

Fire and stand history in two limber pine (*Pinus flexilis*) and Rocky Mountain bristlecone pine (*Pinus aristata*) stands in Colorado

2008, 17(3), 339-347

## Scholes, RJ

Methods to determine the impact of rainfall on fuels and burned area in southern African savannas

**2010**, 19(6), 774-782

#### Scholes, RJ

Southern African fire regimes as revealed by remote sensing **2010**, *19*(7), 861-878

#### Schulte, LA

Ecological effects of large fires on US landscapes: benefit or catastrophe? **2008**, *17*(6), 696-712

#### Schulze, R

Methods to determine the impact of rainfall on fuels and burned area in southern African savannas

2010, 19(6), 774-782

#### Scott, CA

El Niño and its impact on fire weather conditions in Alaska **2001**, *10*(1), 1-13

#### Scott, K

Fuel loading prediction models developed from aerial photographs of the Sangre de Cristo and Jemez mountains of New Mexico, USA 2002, 11(1), 85-90

# Seavy, NE

Vegetation and topographical correlates of fire severity from two fires in the Klamath-Siskiyou region of Oregon and California **2006**, *15*(2), 237-245

#### Seefeldt, SS

Delaying sheep grazing after wildfire in sagebrush steppe may not affect vegetation recovery

**2010**, 19(1), 115-122

## Seema, A

Autonomous field-deployable wildland fire sensors **2003**, *12*(2), 237-244

## Seli, RC

Simulation of long-term landscape-level fuel treatment effects on large wildfires **2007**, *16*(6), 712-727

## Sequeira, NMS

Structural-Properties and Dimensional Relations of Some Mediterranean Shrub Fuels **1995**, *5*(1), 35-42

# Sesbou, A

Alternative equations to estimate the surface-to-volume ratio of different forest fuel particles

**2011**, 20(5), 648-656

# Sessions, J

Applying LiDAR technology for tree measurements in burned landscapes

**2010**, *19*(1), 104-114

## Seydack, AHW

Shrubland fire regime scenarios in the Swartberg Mountain Range, South Africa: implications for fire management **2007**, *16*(1), 81-95

#### Sgardelis, SP

Effects of Fire on Soil Macroinvertebrates in a Mediterranean Phryganic Ecosystem **1995**, 5(2), 113-121

#### Shadbolt, RP

Climatological and statistical characteristics of the Haines Index for North America **2007**, *16*(2), 139-152

#### Shafer, SI

Temporal and spatial structure in a daily wildfire-start data set from the western United States (1986–96)

2008, 17(1), 8-17

#### Shakesby, RA

Wildfire Impacts on Soil-Erosion and Hydrology in Wet Mediterranean Forest, Portugal 1993, 3(2), 95-110

## Shakesby, RA

Heating effects on water repellency in Australian eucalypt forest soils and their value in estimating wildfire soil temperatures

**2004**, 13(2), 157-163

#### Shamir, R

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat **2009**, *18*(8), 1010-1020

## Sharples, JJ

Review of formal methodologies for wind–slope correction of wildfire rate of spread

**2008**, 17(2), 179-193

# Sharples, JJ

An overview of mountain meteorological effects relevant to fire behaviour and bushfire

2009, 18(7), 737-754

# Sharples, JJ

Evaluation of a very simple model for predicting the moisture content of eucalypt

**2011**, 20(8), 1000-1005

# Shelburne, VB

Fuel characterization in the southern Appalachian Mountains: an application of Landscape Ecosystem Classification **2009**, *18*(4), 423-429

# Shelton, MG

Viability of Litter-Stored *Quercus falcata* Michx. Acorns After Simulated Prescribed Winter Burns 1998, 8(4), 199-203

# Shepperd, WD

Influence of topography and forest structure on patterns of mixed severity fire in ponderosa pine forests of the South Dakota Black Hills, USA **2006**, *15*(4), 557-566

# Shepperd, WD

Predicting mortality of ponderosa pine regeneration after prescribed fire in the Black Hills, South Dakota, USA **2009**, *18*(2), 176-190

# Shepperd, WD

Short-term impact of post-fire salvage logging on regeneration, hazardous fuel accumulation, and understorey development in ponderosa pine forests of the Black Hills, SD, USA

2009, 18(4), 451-458

# Sheridan, GJ

Paired *Eucalyptus* forest catchment study of prescribed fire effects on suspended sediment and nutrient exports in south-eastern Australia **2010**, *19*(5), 624-636

#### Sherriff, RL

Variability in fire-climate relationships in ponderosa pine forests in the Colorado Front Range

**2008**, *17*(1), 50-59

## Sherwin, CB

Paired *Eucalyptus* forest catchment study of prescribed fire effects on suspended sediment and nutrient exports in south-eastern Australia **2010**, *19*(5), 624-636

#### Shestak, CJ

Lethal soil temperatures during burning of masticated forest residues **2005**, *14*(3), 267-276

# Shestak, CJ

Behaviour and effects of prescribed fire in masticated fuelbeds

**2011**, 20(8), 932-945

# Shibistova, O

Declining fires in *Larix*-dominated forests in northern Irkutsk district **2011**, 20(2), 248-254

## Shields JR

Ignition of mulch and grasses by firebrands in wildland–urban interface fires **2006**, *15*(3), 427-431

# Shindler, B

Reducing fuels in the wildland– urban interface: community perceptions of agency fuels treatments **2011**, 20(3), 340-349

# Shindler, BA

Public perspectives of fire, fuels and the Forest Service in the Great Lakes Region: a survey of citizen–agency communication and trust

2009, 18(2), 157-164

# Shindler, BA

Trust, acceptance, and citizenagency interactions after large fires: influences on planning processes

**2010**, 19(1), 137-147

#### Shinneman, DJ

Environmental and climatic variables as potential drivers of post-fire cover of cheatgrass (Bromus tectorum) in seeded and unseeded semiarid ecosystems

2009, 18(2), 191-202

#### Shirai, T

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia 2003, 12(3&4), 271-281

#### Shu, LF

Wildfires and the Canadian Forest Fire Weather Index system for the Daxing'anling region of China 2011, 20(8), 963-973

Sibold, IS

The historical range of variability of fires in the Andean-Patagonian Nothofagus forest region **2008**, 17(6), 724-741

# Sieg, CH

The Role of Prescribed Burning in Regenerating Quercus Macrocarpa and Associated Woody Plants in Stringer Woodlands in the Black Hills, South Dakota **1996**, 6(1), 21-29

Sieg, CH

Fire History in Interior Ponderosa Pine Communities of the Black Hills, South Dakota, USA

**1996**, 6(3), 97-105

# Sieg, CH

Development of post-fire crown damage mortality thresholds in ponderosa pine 2010, 19(5), 583-588

# Sieg, CH

Minimal effectiveness of native and non-native seeding following three high-severity wildfires

2010, 19(6), 746-758

# Sieg, CH

Late Holocene geomorphic record of fire in ponderosa pine and mixed-conifer forests, Kendrick Mountain, northern Arizona, USA 2011, 20(1), 125-141

Sieg, CH

Recent trends in post-wildfire seeding in western US forests: costs and seed mixes 2011, 20(5), 702-708

Siegert, F

Burnt area estimation for the year 2005 in Borneo using multi-resolution satellite imagery **2007**, 16(1), 45-53

Siettos, CI

Wildland fire spread modelling using cellular automata: evolution in large-scale spatially heterogeneous environments under fire suppression tactics 2011, 20(5), 633-647

#### Sikkink, PG

A comparison of five sampling techniques to estimate surface fuel loading in montane forests 2008, 17(3), 363-379

#### Šilc, U

Long-term post-fire succession of Pinus brutia forest in the east Mediterranean **2010**, 19(5), 599-605

Soil water dynamics after fire in a Portuguese shrubland 2006, 15(1), 99-111

## Silva, JS

Regional variations in wildfire susceptibility of land-cover types in Portugal: implications for landscape management to minimize fire hazard 2009, 18(5), 563-574

#### Silvani, X

Experimental investigation of the physical mechanisms governing the spread of wildfires 2010, 19(5), 570-582

## Silver, NC

Effect of fire shelters on perceived fire danger: implications for risk compensation **2005**, 14(3), 297-306

# Silverstein, RP

Factors influencing large wildland fire suppression expenditures

**2008**, 17(5), 650-659

# Silverstein, RP

Integrating fuel treatment into ecosystem management: a proposed project planning process

**2010**, 19(6), 725-736

## Simard, SJ

Fire Severity, Changing Scales, and How Things Hang Together **1991**, 1(1), 23-34

## Simeoni, A

Fire spread across pine needle fuel beds: characterization of temperature and velocity distributions within the fire plume

**2004**, 13(1), 37-48

## Simeoni, A

Volatile and semi-volatile organic compounds in smoke exposure of firefighters during prescribed burning in the Mediterranean region **2010**, 19(5), 606-612

# Simeoni, A

Physical modelling of forest fire spreading through heterogeneous fuel beds 2011, 20(5), 625-632

#### Simmons, D

Does firefighting foam affect the growth of some Australian native plants?

2004, 13(3), 335-341

#### Simões, F

Feasibility of forest-fire smoke detection using lidar

2003, 12(2), 159-166

#### Singh, RS

Changes in Soil Nutrients Following Burning Burning of Dry Tropical Savanna **1994**, 4(3), 187-194

#### Singhania, A

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics 2009, 18(6), 676-685

## Siqueira, A

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat **2009**, 18(8), 1010-1020

## Sitch, S

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, 9(1), 79-84

# Skinner, CN

Climatic influences on fire regimes in montane forests of the southern Cascades, California, USA 2008, 17(1), 60-71

#### Skinner, CN

Behaviour and effects of prescribed fire in masticated fuelbeds 2011, 20(8), 932-945

# Skowronski, N

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens 2009, 18(3), 268-277

Ground-based LIDAR: a novel approach to quantify fine-scale fuelbed characteristics 2009, 18(6), 676-685

# Slawski, J

Development of calibration algorithms for selected water content reflectometry probes for burned and non-burned organic soils of Alaska 2010, 19(7), 961-975

## Slijepcevic, A

An optimisation modelling approach to seasonal resource allocation for planned burning **2011**, 20(2), 175-183

Using visual obstruction to estimate heathland fuel load and structure

**2008**, 17(3), 380-389

# Smith, AMS

Estimating combustion of large downed woody debris from residual white ash 2005, 14(3), 245-248

# Smith, AMS

Remote classification of head and backfire types from MODIS fire radiative power and smoke plume observations **2005**, 14(3), 249-254

#### Smith, AMS

Remote sensing techniques to assess active fire characteristics and post-fire effects 2006, 15(3), 319-345

## Smith, AMS

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

# Smith, AMS

Remote sensing for prediction of 1-year post-fire ecosystem condition 2009, 18(5), 594-608

## Smith, AMS

Beyond Landsat: a comparison of four satellite sensors for detecting burn severity in ponderosa pine forests of the Gila Wilderness, NM, USA 2010, 19(4), 449-458

#### Smith, AMS

Field estimation of ash and char colour-lightness using a standard grey scale 2010, 19(6), 698-704

## Smith, AMS

Spectral analysis of charcoal on soils: implicationsfor wildland fire severity mapping methods 2010, 19(7), 976-983

# Smith, AMS

The combustion of sound and rotten coarse woody debris: a review

2011, 20(2), 163-174

## Smith, DW

Early Vegetative Response to Wildfire in a Table Mountain-Pitch Pine Forest 1992, 2(4), 177-184

Wildfire Effects on Forest Floor and Surface Soil in a Table Mountain Pine-Pitch Pine Forest 1993, 3(3), 149-154

# Smith, FW

Influence of topography and forest structure on patterns of mixed severity fire in ponderosa pine forests of the South Dakota Black Hills, USA 2006, 15(4), 557-566

## Smith, FW

Predicting mortality of ponderosa pine regeneration after prescribed fire in the Black Hills, South Dakota, USA 2009, 18(2), 176-190

#### Smith, FW

Short-term impact of post-fire salvage logging on regeneration, hazardous fuel accumulation, and understorey development in ponderosa pine forests of the Black Hills, SD, USA

**2009**, 18(4), 451-458

#### Smith, HG

Paired *Eucalyptus* forest catchment study of prescribed fire effects on suspended sediment and nutrient exports in south-eastern Australia **2010**, *19*(5), 624-636

#### Smith, JK

Microplot Sampling of Fire Behavior on *Populus tremuloides* Stands in North-Central Colorado **1993**, 3(2), 85-94

#### Smith, PL

Regional signatures of future fire weather over eastern Australia from global climate models

2011, 20(4), 550-562

## Smith, R

A Comparison of Water Additives for Mopping-up After Forest Fires **1996**, *6*(1), 37-43

#### Smith, R

A review of current space-based fire monitoring in Australia and the GOFC/GOLD program for international coordination **2003**, *12*(3&4), 247-258

## Smith, R

Contemporary fire regimes of northern Australia, 1997–2001: change since Aboriginal occupancy, challenges for sustainable management **2003**, *12*(3&4), 283-297

## Smith, R

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, *16*(4), 361-377

## Smith, RH

Prescribed Burning of Thinning Slash in Regrowth Stands of Karri (*Eucalyptus diversicolor*) .1. Fire Characteristics, Fuel Consumption and Tree Damage **1997**, 7(1), 29-40

# Smith, SL

Evaluation of a post-fire tree mortality model for western USA conifers **2007**, *16*(6), 679-689

# Smith, WS

Coupled influences of topography and wind on wildland fire behaviour **2007**, *16*(2), 183-195

## Smithwick, EAH

Landscape heterogeneity following large fires: insights from Yellowstone National Park, USA 2008, 17(6), 742-753

## Snyder, JR

Fuel loads, fire regimes, and post-fire fuel dynamics in Florida Keys pine forests **2006**, *15*(4), 463-478

## Sol, B

Comparative study of various methods of fire danger evaluation in southern Europe **1999**, *9*(4), 235-246

# Solomon, AM

Temporal and spatial structure in a daily wildfire-start data set from the western United States (1986–96)

**2008**, 17(1), 8-17

#### Solomon, R

The BlueSky smoke modeling framework **2009**, *18*(8), 906-920

#### Sommers, WT

2007 EastFIRConference: introduction to special issue **2009**, *18*(3), 233-234

#### Song, W-G

Artificial neural network approach for modeling the impact of population density and weather parameters on forest fire risk **2009**, *18*(6), 640-647

#### Sönmez, I

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

## Sorbel, B

Assessing the differenced Normalized Burn Ratio's ability to map burn severity in the boreal forest and tundra ecosystems of Alaska's national parks

**2008**, *17*(4), 463-475

## Soto, I

Heat-Induced Degradation Processes in Forest Soils **1991**, *I*(3), 147-152

## Soto, B

Interactions Between Plant Ash Leachates and Soil 1993, 3(4), 207-216

## Southgate, R

Post-fire ephemerals and spinifex-fuelled fires: a decision model for bilby habitat management in the Tanami Desert, Australia **2007**, *16*(6), 741-754

## Southworth, D

Mechanical mastication and prescribed fire in conifer—hardwood chaparral: differing responses of ectomycorrhizae and truffles **2011**, *20*(7), 888-896

# Soverel, NO

The transferability of a dNBR-derived model to predict burn severity across 10 wildland fires in western Canada **2011**, 20(4), 518-531

#### Spaeth, KE

Impacts of wildfire on soil hydrological properties of steep sagebrush-steppe rangeland **2002**, *11*(2), 145-151

## Spano, D

Evaluation of FARSITE simulator in Mediterranean maquis

**2007**, 16(5), 563-572

## Spanos, I

Evaluation of log and branch barriers as post-fire rehabilitation treatments in a Mediterranean pine forest in Greece

2005, 14(2), 183-188

#### Sparks, SR

Photosynthate Allocation Patterns Along a Fire-Induced Age Sequence in Two Shrub Species From the California Chaparral 1993, 3(1), 21-30

#### Spear, TM

Mixmaster exposure to dust during mixing of wildland fire retardant chemicals **2002**, *11*(1), 65-73

# Speer, MS

The Sydney Australia Wildfires of January 1994 Meteorological Conditions and High Resolution Numerical Modeling Experiments 1996, 6(3), 145-154

# Spencer, CN

Phosphorus and Nitrogen Dynamics in Streams Associated With Wildfire: a Study of Immediate and Longterm Effects 1998, 8(4), 183-198

# Spencer, WD

Simulating landscape-scale effects of fuels treatments in the Sierra Nevada, California, USA **2011**, *20*(3), 364-383

## Spero, J

Analysing initial attack on wildland fires using stochastic simulation

**2006**, 15(1), 137-146

## Spiers, G

Monitoring the impacts of fire regimes on vegetation in northern Australia: an example from Kakadu National Park **2003**, *12*(3&4), 427-440

# Splawinski, TB

Does the post-fire organic layer compress beneath the snowpack? **2010**, *19*(5), 673-676

# Spurbeck, D

Snag dynamics in a chronosequence of 26 wildfires on the east slope of the Cascade Range in Washington State, USA

1999, 9(4), 223-234

#### Stafford Smith, M

Ecological and economic assessment of prescribed burning impacts in semi-arid pastoral lands of northern Australia **2003**, *12*(3&4), 403-413

# Stagnitti, F

Heating effects on water repellency in Australian eucalypt forest soils and their value in estimating wildfire soil temperatures **2004**, *13*(2), 157-163

# Stambaugh, MC

Fire scars reveal source of New England's 1780 Dark Day **2007**, *16*(3), 266-270

## Stamou, GP

Effects of Fire on Soil Macroinvertebrates in a Mediterranean Phryganic Ecosystem **1995**, *5*(2), 113-121

#### Staples, GC

Predicting forest floor moisture for burned and unburned *Pinus* banksiana forests in the Canadian Northwest Territories **2007**, 16(1), 71-80

#### Staychock, E

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius? **2011**, 20(3), 350-363

# Steele, TW

An Economic Evaluation of Public and Organized Wildfire Detection in Wisconsin **1998**, 8(4), 205-215

## Stein, SJ

Effects of fire retardant chemical and fire suppressant foam on shrub steppe vegetation in northern Nevada **1999**, 9(2), 115-127

## Stella, KA

Minimal effectiveness of native and non-native seeding following three high-severity wildfires **2010**, *19*(6), 746-758

# Stephens, SL

Fire history differences in adjacent Jeffrey pine and upper montane forests in the eastern Sierra Nevada **2001**, *10*(2), 161-167

# $Stephens,\,SL$

Prescribed fire, soils, and stream water chemistry in a watershed in the Lake Tahoe Basin, California **2004**, *13*(1), 27-35

# Stephens, SL

Forest fire causes and extent on United States Forest Service lands

2005, 14(3), 213-222

Stephens, SL

Different interest group views of fuels treatments: survey results from fire and fire surrogate treatments in a Sierran mixed conifer forest, California, USA **2008**, *17*(2), 224-233

#### Stephens, SL

Effectiveness of prescribed fire as a fuel treatment in Californian coniferous forests **2009**, *18*(2), 165-175

# Stephens, SL

The efficacy of fire and fuels reduction treatments in a Sierra Nevada pine plantation **2009**, *18*(7), 791-801

#### Stewart, SI

Wildland–urban interface housing growth during the 1990s in California, Oregon, and Washington **2007**, *16*(3), 255-265

#### Stewart, SI

Predicting spatial patterns of fire on a southern California landscape

**2008**, *1*7(5), 602-613

#### Stewart, SI

Allocating fuel breaks to optimally protect structures in the wildland–urban interface **2011**, *20*(1), 59-68

## Stidham, M

Reducing fuels in the wildlandurban interface: community perceptions of agency fuels treatments

2011, 20(3), 340-349

## Stier, JC

An Economic Evaluation of Public and Organized Wildfire Detection in Wisconsin 1998, 8(4), 205-215

# Stockmann, KD

Integrating fuel treatment into ecosystem management: a proposed project planning process **2010**, *19*(6), 725-736

Stocks, BJ

Fire, climate change, carbon and fuel management in the Canadian boreal forest **2001**, *10*(3&4), 405-413

## Stocks, BJ

Fire weather index system components for large fires in the Canadian boreal forest **2004**, *13*(4), 391-400

## Stocks, B.

An index for tracking sheltered forest floor moisture within the Canadian Forest Fire Weather Index System **2005**, *14*(2), 169-182

Stocks, BJ

Spatial patterns of forest fires in Canada, 1980–1999 **2006**, *15*(3), 361-374

#### Stocks, BJ

Modelling emissions from Canadian wildfires: a case study of the 2002 Quebec fires **2007**, *16*(6), 649-663

## Stocks, BJ

Emissions of air pollutants by Canadian wildfires from 2000 to 2004

2011, 20(1), 17-34

## Stottlemyer, AD

Fuel characterization in the southern Appalachian Mountains: an application of Landscape Ecosystem Classification **2009**, *18*(4), 423-429

#### Stow, D

Time series of chaparral live fuel moisture maps derived from MODIS satellite data **2006**, *15*(3), 347-360

#### Stow, DA

Effect of fire weather, fuel age and topography on patterns of remnant vegetation following a large fire event in southern California, USA **2010**, *19*(4), 415-426

#### Strand, EK

Relationships between landscape patterns and fire occurrence within a successional gradient in sagebrush steppe—juniper woodland

**2011**, 20(1), 69-77

#### Strand, T

The BlueSky smoke modeling framework

2009, 18(8), 906-920

# Strauss, D

Modeling Wildland Fire Containment With Uncertain Flame Length and Fireline Width 1993, 3(3), 179-185

# Streeks, TJ

Examining fire behavior in mesquite–acacia shrublands **2005**, *14*(2), 131-140

# Streetman, S

FFI: a software tool for ecological monitoring **2009**, *18*(3), 310-314

# Strittholt, JR

Simulating landscape-scale effects of fuels treatments in the Sierra Nevada, California, USA **2011**, *20*(3), 364-383

## Stritzke, JF

Fire Behavior and Fire Effects on Eastern Redcedar in Hardwood Leaf-Litter Fires 1995, 5(3), 135-141

## Strom, BA

Pre-wildfire fuel treatments affect long-term ponderosa pine forest dynamics **2007**, *16*(1), 128-138

# Stuart-Smith, K

Songbird communities in a pyrogenic habitat mosaic **2002**, *11*(1), 75-84

#### Sturtevant, BR

Human and biophysical factors influencing modern fire disturbance in northern Wisconsin **2007**, *16*(4), 398-413

#### Sturtevant, V

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

#### Sudiana, D

Assessing forest fire potential in Kalimantan Island, Indonesia, using satellite and surface weather data **2003**, *12*(2), 175-184

#### Subarti M

A Note on Fuelbeds and Fire Behavior in Alang-Alang (*Imperata Cylindrica*) **1992**, 2(1), 41-46

#### Sullivan, AL

Physical Modelling of Leaf Scorch Height From Prescribed Fires in Young *Eucalyptus Sieberi* Regrowth Forests in South-Eastern Australia **1997**, 7(1), 7-20

## Sullivan, AL

A review of radiant heat flux models used in bushfire applications

**2003**, *12*(1), 101-110

## Sullivan, AL

A semi-transparent model of bushfire flames to predict radiant heat flux **2004**, *13*(2), 201-207

## Sullivan, AL

Wildland surface fire spread modelling, 1990–2007. 1: Physical and quasi-physical models **2009**, *18*(4), 349-368

## Sullivan, AL

Wildland surface fire spread modelling, 1990–2007. 2: Empirical and quasi-empirical models

**2009**, 18(4), 369-386

## Sullivan, AL

Wildland surface fire spread modelling, 1990–2007. 3: Simulation and mathematical analogue models

**2009**, 18(4), 387-403

# Sullivan, DC

The BlueSky smoke modeling framework **2009**, *18*(8), 906-920

# Sumrall, LB

Influence of Canopy Removal by Burning or Clipping on Emergence of *Eragrostis lehmanniana* Seedlings **1991**, *I*(1), 35-40

## Sun, L

Fire spread in chaparral—'go or no-go?'

**2005**, 14(2), 99-106

#### Sun, R

The importance of fire—atmosphere coupling and boundary-layer turbulence to wildfire spread **2009**, *18*(1), 50-60

#### Suran, B

Variation in local weather explains differences in fire regimes within a Québec southeastern boreal forest landscape **2010**, *19*(8), 1073-1082

#### Susott, RA

Influence of Sample Processing Techniques and Seasonal Variation on Quantities of Volatile Compounds of Gallberry, Saw-Palmetto, and Wax Myrtle 1991, 1(1), 57-62

#### Sutphen, R

Economic optimisation of wildfire intervention activities **2010**, *19*(5), 659-672

#### Swetnam, TL

Comparing selected fire regime condition class (FRCC) and LANDFIRvegetation model results with tree-ring data **2010**, *19*(1), 1-13

#### Swetnam, TW

Mapping fire regimes across time and space: Understanding coarse and fine-scale fire patterns **2001**, 10(3&4), 329-342

# Swetnam, TW

Fire Climatology in the western United States: introduction to special issue **2008**, *17*(1), 1-7

# Sydoriak, WM

Physical Properties of Woody Fuel Particles of Sierra Nevada Conifers 1996, 6(3), 117-123

## Sydoriak, WM

Heat Content Variation of Sierra Nevada Conifers 1998, 8(3), 147-158

# Syphard, AD

Predicting spatial patterns of fire on a southern California landscape **2008**, *17*(5), 602-613

# Syphard, AD

Simulating landscape-scale effects of fuels treatments in the Sierra Nevada, California, USA **2011**, 20(3), 364-383

## Syphard, AD

Factors affecting fuel break effectiveness in the control of large fires on the Los Padres National Forest, California **2011**, 20(6), 764-775

# Takegawa, N

Effects of biomass burning and lightning on atmospheric chemistry over Australia and South-east Asia **2003**, *12*(3&4), 271-281

#### Takeuchi, N

Assessing forest fire potential in Kalimantan Island, Indonesia, using satellite and surface weather data **2003**, *12*(2), 175-184

#### Takle, ES

A Synoptic Climatology for Forest-Fires in the NE US and Future Implications From GCM Simulations

**1994**, 4(4), 217-224

#### Tamir, M

Soil Erosion and Forestry Management After Wildfire in a Mediterranean Woodland, Mt. Carmel, Israel 1997, 7(4), 285-294

## Tansey, KJ

Effect of repeated fires on land-cover change on peatland in southern Central Kalimantan, Indonesia, from 1973 to 2005 **2011**, 20(4), 578-588

#### Tanskanen, H

Experimental fire behaviour in managed *Pinus sylvestris* and *Picea abies* stands of Finland **2007**, *16*(4), 414-425

# Tapper, N

Wildfire Activity in the Mallee Shrubland of Victoria, Australia 1993, 3(4), 217-227

# Tapper, N

Biomass Burning and Resulting Emissions in the Northern Territory, Australia **1995**, *5*(4), 229-235

# Tapper, N

The relationship between the monsoonal summer rain and dry-season fire activity of northern Australia **2008**, *17*(5), 674-684

## Tapper, NJ

Fire impacts on surface heat, moisture and carbon fluxes from a tropical savanna in northern Australia **2003**, *12*(3&4), 333-340

# Tardif, JC

A 229-year dendroclimaticinferred record of forest fire activity for the Boreal Shield of Canada

**2006**, 15(3), 375-388

## Tarrega, R

Regeneration in *Quercus Pyrenaica* Ecosystems After Surface Fires **1991**, 1(4), 205-210

## Tarrega, R

Influence of Heat on Seed Germination of *Cistus Laurifolius* and *Cistus Ladanifer* **1992**, 2(1), 15-20

# Tarrega, R

First Phases of Regeneration of *Cistus Laurifolius* and *Cistus Ladanifer* After Burning and Cutting in Experimental Plots **1992**, 2(1), 7-14

## Tarrega, R

Recolonization of Two Burnt *Quercus pyrenaica* Ecosystems by Coleoptera **1998**, 8(1), 21-27

## Tárrega, R

Seedling Regeneration of Two *Cistus* Species After Experimental Disturbances **1996**, *6*(1), 13-19

## Taylor, AH

Climatic influences on fire regimes in montane forests of the southern Cascades, California, USA **2008**, *17*(1), 60-71

# Taylor, DL

Seventeen Years of Forest Succession Following the Waterfalls Canyon Fire in Grand Teton National Park, Wyoming 1998, 8(1), 45-55

#### Taylor, E

Indications of vigor loss after fire in Caribbean pine (*Pinus caribaea*) from electrical resistance measurements **2006**, *15*(3), 415-425

#### Taylor, RS

Evaluating predictive models of critical live fuel moisture in the Santa Monica Mountains, California **2008**, *17*(1), 18-27

## Taylor, RS

Predicting spatial patterns of fire on a southern California landscape **2008**, *17*(5), 602-613

## Taylor, SW

Science, technology, and human factors in fire danger rating: the Canadian experience. **2006**, *15*(1), 121-135

# Taylor, SW

Spatial variation of trends in wildfire and summer drought in British Columbia, Canada, 1920–2000 **2010**, 19(3), 272-283

# Tekeli, AE

Validation studies of EUMETSAT's active fire monitoring product over Turkey **2009**, 18(5), 517-526

## Tellier, R

Predicting the Height to Live Crown Base in Plantations of Four Boreal Forest Species 1994, 4(2), 103-106

## Terry, JI

Wildfire Impacts on Soil-Erosion and Hydrology in Wet Mediterranean Forest, Portugal **1993**, 3(2), 95-110

# Thackway, R

A tale of two parks: contemporary fire regimes of Litchfield and Nitmiluk National Parks, monsoonal northern Australia **2001**, 10(1), 79-89

# Thackway, R

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, *16*(4), 361-377

#### Thanos, CA

Aleppo Pine (*Pinus Halepensis*) Postfire Regeneration: the Role of Canopy and Soil Seed Banks **1996**, 6(2), 59-66

## Thanos, CA

Legumes in the Fire-Prone Mediterranean Regions: an Example From Greece 1996, 6(2), 77-82

## Thibault, J-C

Seed predation by birds shortly after a wildfire in a Corsican pine forest **2006**, *15*(1), 81-86

# Thiele, KR

Effects of fire frequency and mowing on a temperate, derived grassland soil in south-eastern Australia **2008**, *17*(5), 586-594

# Thies, WG

Season of prescribed burn in ponderosa pine forests in eastern Oregon: impact on pine mortality **2005**, *14*(3), 223-231

#### Thies, WG

Prediction of delayed mortality of fire-damaged ponderosa pine following prescribed fires in eastern Oregon, USA **2006**, *15*(1), 19-29

## Thode, AE

Climate, lightning ignitions, and fire severity in Yosemite National Park, California, USA **2009**, 18(7), 765-774

## Thode, AE

Quantifying the fire regime distributions for severity in Yosemite National Park, California, USA **2011**, *20*(2), 223-239

# Thomas, PA

Response of cacti and other succulents to fire: a review **1991**, I(1), 11-22

# Thomas, PA

Book Review - Burning Bush: a Fire History of Australia, by Stephen J. PynE 1992, 2(2), 97-98

## Thompson, DK

Interactive effects of vegetation, soil moisture and bulk density on depth of burning of thick organic soils

**2011**, 20(3), 418-429

## Thompson, MR

A Synoptic Climatology for Forest-Fires in the NUS and Future Implications From GCM Simulations

# **1994**, 4(4), 217-224

Thompson, TG Spatial fuel data products of the LANDFIRProject **2009**, 18(3), 250-267

#### Thonicke, K

Spatial variation of trends in wildfire and summer drought in British Columbia, Canada, 1920–2000 **2010**, 19(3), 272-283

#### Thornicke, K

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, *9*(1), 79-84

## Tian, XR

Wildfires and the Canadian Forest Fire Weather Index system for the Daxing'anling region of China **2011**, 20(8), 963-973

#### Tigabu, M

Fuel and fire characteristics in savanna–woodland of West Africa in relation to grazing and dominant grass type **2007**, *16*(5), 531-539

#### Tihay, V

Comparison of several kinetic approaches to evaluate the pyrolysis of three Mediterranean forest fuels **2011**, *20*(3), 407-417

#### Titus, SJ

Sampling Intensity for Estimating Fuel Moisture Content in Lodgepole Pine and White Spruce Trees 1992, 2(1), 1-6

#### Titus, SJ

A Logit Model for Predicting the Daily Occurrence of Human Caused Forest-Fires 1995, 5(2), 101-111

## Tiveau, D

Fuel and fire characteristics in savanna–woodland of West Africa in relation to grazing and dominant grass type **2007**, *16*(5), 531-539

# Todd, JB

Fire weather index system components for large fires in the Canadian boreal forest **2004**, *13*(4), 391-400

# Tolhurst, K

Effects of the fire retardant Phos-Chek on vegetation in eastern Australian heathlands **2005**, *14*(2), 199-211

## Tolsma, AD

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, *17*(6), 793-808

## Toman, E

Public perspectives of fire, fuels and the Forest Service in the Great Lakes Region: a survey of citizen—agency communication and trust

**2009**, 18(2), 157-164

## Toman, E

Reducing fuels in the wildland—urban interface: community perceptions of agency fuels treatments **2011**, *20*(3), 340-349

Toney, JL

Paired charcoal and tree-ring records of high-frequency Holocene fire from two New Mexico bog sites **2008**, *17*(1), 115-130

Toney, JL

Holocene vegetation and fire regimes in subalpine and mixed conifer forests, southern Rocky Mountains, USA **2008**, *17*(1), 96-114

Tonini, M

Detection of clusters using space–time scan statistics **2009**, *18*(7), 830-836

Torvi, DA

A variable property heat transfer model for predicting soil temperature profiles during simulated wildland fire conditions **2008**, *17*(2), 205-213

Towerton, AL

Soil temperatures during autumn prescribed burning: implications for the germination of fire responsive species? **2008**, *17*(5), 572-578

Tozer, MG

Soil heating and germination: investigations using leaf scorch on graminoids and experimental seed burial

**2006**, 15(4), 509-516

Tran, C

Prescribed burning: how can it work to conserve the things we value?

**2011**, 20(6), 721-733

Trentmann, J

A new look at the role of firereleased moisture on the dynamics of atmospheric pyroconvection **2009**, 18(5), 554-562

2005, 10(0), 0

Trethewey, D

Development of an index for quick comparison of helicopter costs and benefits **2007**, *16*(4), 444-449

Trigg, SN

Evaluating the potential of Landsat TM/ETM+ imagery for assessing fire severity in Alaskan black spruce forests **2008**, 17(4), 500-514

Tripp, P

NCEP-ECPC monthly to seasonal US fire danger forecasts **2010**, 19(4), 399-414

Trollope, WSW

Physically motivated empirical models for the spread and intensity of grass fires **2008**, *17*(5), 595-601

Trouet, V

Climatic influences on fire regimes in montane forests of the southern Cascades, California, USA **2008**, *17*(1), 60-71

Tuia, D

Detection of clusters using space–time scan statistics **2009**, *18*(7), 830-836

Tunnell, TR

Honey Mesquite Canopy Responses to Single Winter Fires: Relation to Herbaceous Fuel, Weather and Fire Temperature 1998, 8(4), 241-252

Turetsky, MR

Evaluating the potential of Landsat TM/ETM+ imagery for assessing fire severity in Alaskan black spruce forests **2008**, *17*(4), 500-514

Turetsky, MR

Evaluation of the composite burn index for assessing fire severity in Alaskan black spruce forests **2008**, *17*(4), 515-526

Turetsky, MR

Interactive effects of vegetation, soil moisture and bulk density on depth of burning of thick organic soils

**2011**, 20(3), 418-429

Turkman, KF

Spatial and temporal extremes of wildfire sizes in Portugal (1984–2004) **2009**, 18(8), 983-991

Turna, I

Effect of heat on seed germination of *Pinus sylvestris* and *Pinus nigra* ssp. *pallasiana* **2006**, *15*(2), 283-286

Turna, I

Effect of heat on seed germination of *Pinus sylvestris* and *Pinus nigra* ssp. *pallasiana* **2006**, *15*(2), 283-286

Turner, MG

Prefire heterogeneity, fire severity, and early postfire plant reestablishment in subalpine forests of Yellowstone National Park, Wyoming **1999**, *9*(1), 21-36

Turner, MG

Landscape heterogeneity following large fires: insights from Yellowstone National Park, USA 2008, 17(6), 742-753

Tyler, CM

The effects of fire on avian communities: spatio-temporal attributes of the literature 1912–2003

2009, 18(5), 609-622

Tymstra, C

Impact of climate change on area burned in Alberta's boreal forest

**2007**, 16(2), 153-160

Tzamtzis, N

Effect of fire retardant application on phosphorus leaching from Mediterranean forest soil: short-term laboratory-scale study **2006**, *15*(3), 287-292

Úbeda, X

Effects of prescribed fire on soil quality in Mediterranean grassland (Prades Mountains, north-east Spain) **2005**, *14*(4), 379-384

Ueyoshi, K

Medium-range fire weather forecasts **1991**, *I*(3), 159-176

Unger, D

Fuel loading prediction models developed from aerial photographs of the Sangre de Cristo and Jemez mountains of New Mexico, USA 2002, 11(1), 85-90

Ustin, SL

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging **2007**, *16*(3), 341-348

Utkin, AB

Feasibility of forest-fire smoke detection using lidar **2003**, *12*(2), 159-166

Utkin, AB

Eye-safe lidar measurements for detection and investigation of forest-fire smoke **2004**, *13*(4), 401-412

Vachet, P

Thermal infrared emission transmission measurements in flames from a cylindrical forest fuel burner **2007**, *16*(3), 324-340

Vaillant, NM

Effectiveness of prescribed fire as a fuel treatment in Californian coniferous forests **2009**, *18*(2), 165-175

Vakalis, D

Wildland fire spread modelling using cellular automata: evolution in large-scale spatially heterogeneous environments under fire suppression tactics **2011**, *20*(5), 633-647

Valbuena, L

Influence of Heat on Seed Germination of *Cistus Laurifolius* and *Cistus Ladanifer* 1992, 2(1), 15-20

Valbuena, L

Influence of tree age on seed germination response to environmental factors and inhibitory substances in *Pinus pinaster* 

**2005**, 14(3), 277-284

Valbuena, L

Effect of high temperatures on seed germination and seedling survival in three pine species (*Pinus pinaster*, *P. sylvestris* and *P. nigra*) **2007**, 16(1), 63-70

Valente, J

Smoke measurements during Gestosa-2002 experimental field fires **2005**, *14*(2), 107-116

Valente, J

Local-scale modelling system to simulate smoke dispersion **2007**, *16*(2), 196-203

Valette, J.-C.

The effects of slope and fuel bed width on laboratory fire behaviour **2011**, 20(2), 272-288

Valette, JC

Heat-Transfer in the Soil During Very Low-Intensity Experimental Fires - the Role of Duff and Soil-Moisture Content **1994**, 4(4), 225-237

Valette, JC

Combustion and Nutrient Losses During Laboratory Burns 1995, 5(1), 1-12

Vallejo, R

Modelling the effects of landscape fuel treatments on fire growth and behaviour in a Mediterranean landscape (eastern Spain)

2007, 16(5), 619-632

Valleio, R

Are wildfires a disaster in the Mediterranean basin? – A review **2008**, *17*(6), 713-723

Vallejo, VR

Fuel structural traits modulating soil temperatures in different species patches of Mediterranean Basin shrublands 2011, 20(5), 668-677

van Leeuwen, WJD Monitoring post-wildfire

wegetation response with remotely sensed time-series data in Spain, USA and Israel **2010**, 19(1), 75-93

Van Tuvl. S

Decision support tools to improve the effectiveness of hazardous fuel reduction treatments in the New Jersey Pine Barrens **2009**, 18(3), 268-277

van Wagtendonk, J

Mapping wildland fuels for fire management across multiple scales: Integrating remote sensing, GIS, and biophysical modeling

**2001**, 10(3&4), 301-319

van Wagtendonk, JW Physical Properties of Woody Fuel Particles of Sierra Nevada Conifers 1996, 6(3), 117-123

van Wagtendonk, JW Heat Content Variation of Sierra Nevada Conifers 1998, 8(3), 147-158 van Wagtendonk, JW Climate, lightning ignitions, and fire severity in Yosemite National Park, California, USA 2009, 18(7), 765-774

van Wagtendonk, JW Quantifying the fire regime distributions for severity in Yosemite National Park, California, USA 2011, 20(2), 223-239

van Wilgen, BW
A Computer-Based System for
Fire Management in the
Mountains of the Cape
Province, South-Africa
1994, 4(1), 17-32

van Wilgen, BW A patch mosaic burning system for conservation areas in southern African savannas **2001**, 10(2), 169-183

van Wilgen, BW
The contribution of fire research to fire management: a critical review of a long-term experiment in the Kruger National Park, South Africa **2007**, *16*(5), 519-530

Vandersall, HL Air Attack - Retardants, Rheology and Some New Options 1994, 4(1), 45-51

## Varela, ME

Effects of heating on some soil physical properties related to its hydrological behaviour in two north-western Spanish soils **2004**, *13*(2), 195-199

## Varner, JM

Novel fuelbed characteristics associated with mechanical mastication treatments in northern California and southwestern Oregon, USA 2009, 18(6), 686-697

# Varner, JM

Effects of particle fracturing and moisture content on fire behaviour in masticated fuelbeds burned in a laboratory **2011**, 20(2), 308-317

Varner, JM
Behaviour and effects of prescribed fire in masticated fuelbeds
2011, 20(8), 932-945

Vasconcelos, MJ FIREMAP - Simulation of Fire Growth With a Geographic Information System 1992, 2(2), 87-96

Vasconcelos, MJP Spatial and temporal extremes of wildfire sizes in Portugal (1984–2004) 2009, 18(8), 983-991

## Vasilakos, C

Integrating new methods and tools in fire danger rating **2007**, *16*(3), 306-316

Vaske, JJ
The role of trust in residents' fire wise actions **2011**, 20(2), 318-325

Vaz. GV

Estimation of the radiation extinction coefficient of natural fuel beds

**2004**, 13(1), 65-71

Vaz, P

Regional variations in wildfire susceptibility of land-cover types in Portugal: implications for landscape management to minimize fire hazard **2009**, *18*(5), 563-574

Vázquez de la Cueva, A Recent fire regime in peninsular Spain in relation to forest potential productivity and population density **2006**, 15(3), 397-405

Vazquez, A Patterns of Lightning-, and People-Caused Fires in Peninsular Spain 1998, 8(2), 103-115

Veblen, TT
Variability in fire-climate
relationships in ponderosa pine
forests in the Colorado Front
Range

**2008**, 17(1), 50-59

Veblen, TT
The historical range of variability of fires in the Andean–Patagonian *Nothofagus* forest region **2008**, *17*(6), 724-741

Vega Hidalgo, JA

Construction of empirical models for predicting *Pinus* sp. dead fine fuel moisture in NW Spain. I: Response to changes in temperature and relative humidity

**2009**, 18(1), 71-83

Vega, JA

Spot fires: fuel bed flammability and capability of firebrands to ignite fuel beds **2009**, *18*(8), 951-969

Vega, JA

Effectiveness of three post-fire treatments at reducing soil erosion in Galicia (NW Spain) **2011**, *20*(1), 104-114

Vega, JA

Exploring three-dimensional coupled fire-atmosphere interactions downwind of wind-driven surface fires and their influence on backfires using the HIGRAD-FIRETEC model **2011**, 20(6), 734-750

Vega, JA

Effects of soil burn severity on germination and initial establishment of maritime pine seedlings, under greenhouse conditions, in two contrasting experimentally burned soils **2011**, 20(2), 209-222

Vega-García, C

On the comparative importance of fire danger rating indices and their integration with spatial and temporal variables for predicting daily human-caused fire occurrences in Spain **2011**, 20(1), 46-58

Venevski, S

Strategy for a Fire Module in Dynamic Global Vegetation Models

**1999**, 9(1), 79-84

Venn, TJ

Factors influencing large wildland fire suppression expenditures **2008**, *17*(5), 650-659

Venn, TJ

Accommodating non-market values in evaluation of wildfire management in the United States: challenges and opportunities **2011**, *20*(3), 327-339

Ventura, A
Relationships between seasonal

patterns of live fuel moisture and meteorological drought indices for Mediterranean shrubland species

2007, 16(2), 232-241

Ventura, A

Seasonal variations of live moisture content and ignitability in shrubs of the Mediterranean Basin **2007**, *16*(5), 633-641

Ventura, JM

A two-dimensional model of fire spread across a fuel bed including wind combined with slope conditions

**2002**, 11(1), 53-63

Ventura, JMP

Flame characteristics, temperature–time curves, and rate of spread in fires propagating in a bed of *Pinus pinaster* needles **2003**, *12*(1), 67-84

Ventura, SJ

Occurrence of wildfire in the northern Great Lakes Region: Effects of land cover and land ownership assessed at multiple scales

2001, 10(2), 145-154

Veraverbeke, S

Evaluating Landsat Thematic Mapper spectral indices for estimating burn severity of the 2007 Peloponnese wildfires in Greece

**2010**, 19(5), 558-569

Verbyla, AP

The development of fireinduced damage functions for forest recreation activity in Alberta, Canada **2010**, 19(1), 63-74 Verbyla, DL

Using Landsat data to assess fire and burn severity in the North American boreal forest region: an overview and summary of results **2008**, *17*(4), 443-462

Verbyla, DL

Seasonal and topographic effects on estimating fire severity from Landsat TM/ETM+ data **2008**, *17*(4), 527-534

Verdon, DC

Multi-decadal variability of forest fire risk - eastern Australia **2004**, *13*(2), 165-171

Verdú, F

Prediction of fire occurrence from live fuel moisture content measurements in a Mediterranean ecosystem **2009**, 18(4), 430-441

Verkaik, I

Recurrent wildfires constrain long-term reproduction ability in *Pinus halepensis* Mill. **2008**, *17*(5), 579-585

Verstraeten, WW

Evaluating Landsat Thematic Mapper spectral indices for estimating burn severity of the 2007 Peloponnese wildfires in Greece

2010, 19(5), 558-569

Vescovo, L

Estimation of grassland biophysical parameters using hyperspectral reflectance for fire risk map prediction **2009**, *18*(7), 815-824

Vicente-Serrano, SM

Pinus halepensis regeneration after a wildfire in a semiarid environment: assessment using multitemporal Landsat images **2011**, 20(2), 195-208

Viedma, O

Landscape structural features control fire size in a Mediterranean forested area of central Spain **2009**, *18*(5), *575-583* 

Viedma, O

Landscape variables influencing forest fires in central Spain **2011**, *20*(5), 678-689

Viegas, DX

On the Temperature Distribution Inside a Tree Under Fire Conditions **1991**, *I*(2), 87-96

Viegas, DX

Wall Shear-Stress as a Parameter to Correlate the Rate of Spread of a Wind Induced Forest Fire.

**1991**, 1(3), 177-188

Viegas, DX

Moisture Content of Fine Forest Fuels and Fire Occurrence in Central Portugal 1992, 2(2), 69-86

Viegas, DX

A Relationship Between Rainfall and Burned Area for Portugal **1994**, 4(1), 11-16

Viegas, DX

Some Thoughts on the Wind and Slope Effects on Fire Propagation **1994**, *4*(2), 63-64

Viegas, DX

Numerical Predictions on the Soil Thermal Effect Under Surface Fire Conditions **1997**, 7(1), 51-63

Viegas, DX

Comparative study of various methods of fire danger evaluation in southern Europe **1999**, *9*(4), 235-246

Viegas, DX

Estimating live fine fuels moisture content using meteorologically-based indices **2001**, *10*(2), 223-240

Viegas, DX

Fire line rotation as a mechanism for fire spread on a uniform slope **2002**, *11*(1), 11-23

Viegas, DX

On the existence of a steady state regime for slope and wind driven fires **2004**, *13*(1), 101-117

Viegas, DX

Estimation of the radiation extinction coefficient of natural fuel beds

**2004**, *13*(1), 65-71

Viegas, DX

Slope and wind effects on fire propagation **2004**, *13*(2), 143-156

Viegas, DX

Fire spread in canyons **2004**, *13*(3), 253-274

Viegas, DX

Parametric study of an eruptive fire behaviour model **2006**, *15*(2), 169-177

Viegas, DX

Laboratory fire spread analysis using visual and infrared images

2006, 15(2), 179-186

Viegas, DX

Generalization of the fire line rotation model to curved fire lines

**2006**, 15(4), 447-456

Viegas, DX

Local-scale modelling system to simulate smoke dispersion **2007**, *16*(2), 196-203

Viegas, DX

Estimation of shrub height for fuel-type mapping combining airborne LiDAR and simultaneous color infrared ortho imaging **2007**, *16*(3), 341-348

Viegas, DX

Zigzag shape of the fire front **2007**, *16*(6), 763-764

Viegas, DX

Linear model for spread rate and mass loss rate for mixedsize fuel beds **2010**, 19(5), 531-540

Viegas, DX

Effect of particle orientation and of flow velocity on the combustibility of *Pinus pinaster* and *Eucalyptus globulus* firebrand material **2011**, 20(8), 946-962

Viegas, MT

A Relationship Between Rainfall and Burned Area for Portugal 1994, 4(1), 11-16

Viegas, MT

Estimating live fine fuels moisture content using meteorologically-based indices **2001**, *10*(2), 223-240

Viegas, MTSP

Moisture Content of Fine Forest Fuels and Fire Occurrence in Central Portugal 1992, 2(2), 69-86

Vierling, L

Beyond Landsat: a comparison of four satellite sensors for detecting burn severity in ponderosa pine forests of the Gila Wilderness, NM, USA **2010**, 19(4), 449-458

Vigilante, T

Patterns of landscape fire and predicted vegetation response in the North Kimberley region of Western Australia **2003**, *12*(3&4), 369-379

Vihnanek, RE

Critique of Sikkink and Keane's comparison of surface fuel sampling techniques **2010**, *19*(3), 374-376

Vilaça e Moura, PVS

The Relationship of Forest Fires to Agro-Forestry and Socio-Economic Parameters in Portugal 1992, 2(1), 37-40

Vilar, I

A model for predicting humancaused wildfire occurrence in the region of Madrid, Spain **2010**, *19*(3), 325-337

Vilar, R

Feasibility of forest-fire smoke detection using lidar **2003**, *12*(2), 159-166

Vilar I

Eye-safe lidar measurements for detection and investigation of forest-fire smoke **2004**, *13*(4), 401-412

Viney, NR

Estimating Fuel Moisture Response Times From Field Observations **1991**, 1(4), 211-214

Viney, NR

A Review of Fine Fuel Moisture Modelling **1991**, *I*(4), 215-234

Viney, NR

Moisture Diffusivity in Forest Fuels

1992, 2(4), 161-168

Viney, NR

Estimating fuel response time and predicting fuel moisture content from field data **2001**, *10*(2), 215-222

Virzo De Santo, A

Functional diversity of the microbial community in Mediterranean maquis soils as affected by fires **2005**, *14*(4), 355-363

Virzo De Santo, A

Organic matter, nutrient content and biological activity in burned and unburned soils of a Mediterranean maquis area of southern Italy **2005**, *14*(4), 365-377

Virzo De Santo, A

Post-fire stimulation of soil biogenic emission of CO<sub>2</sub> in a sandy soil of a Mediterranean shrubland **2007**, *16*(5), 573-583

Vodacek, A

Autonomous field-deployable wildland fire sensors **2003**, *12*(2), 237-244

Vodacek, A

Generation of synthetic infrared remote-sensing scenes of wildland fire **2009**, *18*(3), 302-309

Vuurens, SH

Heating effects on water repellency in Australian eucalypt forest soils and their value in estimating wildfire soil temperatures **2004**, *13*(2), 157-163

Waddington, JM

Interactive effects of vegetation, soil moisture and bulk density on depth of burning of thick organic soils **2011**, 20(3), 418-429

Wade, DD

Thinning Young Loblolly Pine Stands With Fire **1993**, *3*(3), 169-178

Wadleigh, LL

Development of post-fire crown damage mortality thresholds in ponderosa pine **2010**, *19*(5), 583-588

Wagenbrenner, JW

Evaluating the effectiveness of contour-felled log erosion barriers as a post-fire runoff and erosion mitigation treatment in the western United States **2008**, *17*(2), 255-273

Wahren, C-H

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, *17*(6), 793-808

Waitman, BA

The effects of seeding sterile triticale on a native plant community after wildfire in a pinyon pine—mountain mahogany woodland **2009**, *18*(6), 659-664

Wakimoto, RH

Assessing canopy fuel stratum characteristics in crown fire prone fuel types of western North America **2003**, *12*(1), 39-50

Wakimoto, RH

Predicting the ignition of crown fuels above a spreading surface fire. Part I: model idealization **2006**, *15*(1), 47-60

Waldrop, TA

Fuel characterization in the southern Appalachian Mountains: an application of Landscape Ecosystem Classification **2009**, 18(4), 423-429

Walker, JL

Within-stand variation in understorey vegetation affects fire behaviour in longleaf pine xeric sandhills **2011**, 20(7), 866-875

Wallace, G

A Numerical Fire Simulation-Model **1993**, *3*(2), 111-116

Wallbrink, P

Heating effects on water repellency in Australian eucalypt forest soils and their value in estimating wildfire soil temperatures **2004**, *13*(2), 157-163

Wallenius, T

Declining fires in *Larix*-dominated forests in northern Irkutsk district **2011**, 20(2), 248-254

Walsh, A

Experimental comparison of four remote sensing techniques to map tropical savanna firescars using Landsat-TM imagery **2003**, *12*(3&4), 341-348

Wang, C

Estimation of fire severity using pre- and post-fire LiDAR data in sagebrush steppe rangelands **2009**, *18*(7), 848-856

Wang, GG

Within-stand variation in understorey vegetation affects fire behaviour in longleaf pine xeric sandhills

2011, 20(7), 866-875

Wang, J

NCEP-ECPC monthly to seasonal US fire danger forecasts

2010, 19(4), 399-414

Wang, MY

Wildfires and the Canadian Forest Fire Weather Index system for the Daxing'anling region of China **2011**, 20(8), 963-973

Wang, W

Smoke incursions into urban areas: simulation of a Georgia prescribed burn **2009**, *18*(3), 336-348

Wang, Y

Calibrating the Fine Fuel Moisture Code for grass ignition potential in Sumatra, Indonesia **2005**, *14*(2), 161-168

Wang, Y

Spatial patterns of forest fires in Canada, 1980–1999 **2006**, *15*(3), 361-374

Wang, Y

An evaluation of spatial and temporal patterns of lightningand human-caused forest fires in Alberta, Canada, 1980–2007 **2010**, *19*(8), 1059-1072

Wang, Z

Generation of synthetic infrared remote-sensing scenes of wildland fire **2009**, *18*(3), 302-309

Wanthongchai, K

Effects of fire frequency on prescribed fire behaviour and soil temperatures in dry dipterocarp forests **2011**, *20*(1), 35-45

Ward, BC

Simulating landscape-scale effects of fuels treatments in the Sierra Nevada, California, USA **2011**, *20*(3), 364-383

Ward, DE

Burning California Chaparral an Exploratory Study of Some Common Shrubs and Their Combustion Characteristics. **1991**, *I*(3), 153-158

Ward, DE

A prescription for controlling the air pollution resulting from the use of prescribed biomass fire: clouds **2001**, 10(2), 103-111

Wardati.

Calibrating the Fine Fuel Moisture Code for grass ignition potential in Sumatra, Indonesia **2005**, *14*(2), 161-168

Wardle, GM

The fire history of an arid grassland: the influence of antecedent rainfall and ENSO **2009**, *18*(6), 631-639

Wardle, GM

Prescribed burning: how can it work to conserve the things we value?

2011, 20(6), 721-733

Watts, JM

Book Review - Young Men and Fire, by Norman Maclean 1992, 2(4), 193-193

Webb, BW

Prediction and measurement of thermally induced cambial tissue necrosis in tree stems **2006**, *15*(1), 3-17

Weber, KT

Assessing the susceptibility of semiarid rangelands to wildfires using Terra MODIS and Landsat Thematic Mapper data **2011**, *20*(5), 690-701

Weber, MG

The Effect of Cutting and Burning on Browse Production in Eastern Canadian Aspen Forests

**1991**, 1(1), 41-47

Weber, MG

Peer-Review **1993**, *3*(1), 1-2

Weber, MG Editorial **1994**, 4(1), 1-2

Weber, MG Editorial **1994**, 4(2), 61-62

Weber, MG 1996 List of Reviewers **1996**, 6(4), 164-164

Weber, MG

Strategy for a Fire Module in Dynamic Global Vegetation Models **1999**, *9*(1), 79-84

Weber, MH

Climate effects on historical fires (1630–1900) in Utah **2008**, *17*(1), 28-39

Weber, RO

Toward a Comprehensive Wildlife Spread Model **1991**, *I*(4), 245-248

Weber, RO

Plumes Above Line Fires in a Cross-Wind **1994**, *4*(4), 201-207

Weibel, I

Environmental determinants of lightning- v. human-induced forest fire ignitions differ in a temperate mountain region of Switzerland **2010**, *19*(5), 541-557

Wein, RW

Betula glandulosa Michx. Response to burning and postfire growth temperature and implications of climate change 1999, 9(1), 51-64 Wein, RW

Physical properties of dead and downed round-wood fuels in the Boreal forests of western and Northern Canada 1999, 9(2), 85-99

Wein, RW

Effects of fire severity and season of burn on Betula glandulosa growth dynamics **2004**, *13*(3), 287-295

Weintraub, A

Assessing the impact of standlevel harvests on the flammability of forest landscapes **2007**, *16*(5), 584-592

Weisberg, PJ

Abiotic and biotic influences on Bromus tectorum invasion and Artemisia tridentata recovery after fire

2011, 20(4), 597-604

Weise, DR

Burning California Chaparral - an Exploratory Study of Some Common Shrubs and Their Combustion Characteristics. **1991**, *1*(3), 153-158

Weise, DR

Fire spread in chaparral—'go or no-go?' **2005**, *14*(2), 99-106

Weise, DR

Use of the cone calorimeter to detect seasonal differences in selected combustion characteristics of ornamental vegetation **2005**, *14*(3), 321-338

Weise, DR

Flame interactions and burning characteristics of two live leaf samples **2009**, *18*(7), 865-874

.. ..

Weise, DR

Wildland-urban interface fire behaviour and fire modelling in live fuels

2010, 19(2), 149-152

Weise, DR

Experimental measurements during combustion of moist individual foliage samples **2010**, *19*(2), 153-162

Weise, DR

A numerical study of slope and fuel structure effects on coupled wildfire behaviour **2010**, *19*(2), 179-201

Weise, DR

Firebrands and spotting ignition in large-scale fires **2010**, *19*(7), 818-843

Weise, DR

The effects of wind on the flame characteristics of individual leaves **2011**, *20*(5), 657-667

Wenk, ES

Within-stand variation in understorey vegetation affects fire behaviour in longleaf pine xeric sandhills **2011**, 20(7), 866-875

Werth, P

Evaluation of MM5 model resolution when applied to prediction of National Fire Danger Rating indexes **2006**, *15*(2), 147-154

Westerling, AL

Spatially explicit forecasts of large wildland fire probability and suppression costs for California **2011**, *20*(4), 508-517

Westerling, AL

Long lead statistical forecasts of area burned in western U.S. wildfires by ecosystem province **2002**, 11(3&4), 257-266

Westerling, AL

Wildland fire probabilities estimated from weather model-deduced monthly mean fire danger indices **2008**, *17*(3), 305-316

Westlind, DJ

Season of prescribed burn in ponderosa pine forests in eastern Oregon: impact on pine mortality **2005**, *14*(3), 223-231

Westlind, DJ

Prediction of delayed mortality of fire-damaged ponderosa pine following prescribed fires in eastern Oregon, USA **2006**, *15*(1), 19-29

Westrick, KJ

Evaluation of MM5 model resolution when applied to prediction of National Fire Danger Rating indexes **2006**, *15*(2), 147-154

Wetzel, S

Effect of clear-cutting, prescribed burning and scarification on litter decomposition in an Eastern Ontario jack pine (*Pinus banksiana*) ecosystem **1999**, *9*(3), 195-201

Whelan, RJ

Modelling Reservations: A Comment on Baird et al. (1994). **1996**, *6*(1), 1-3

Whelan, RJ

Persistence of obligate-seeding species at the population scale: effects of fire intensity, fire patchiness and long fire-free intervals **2006**, *15*(2), 261-269

Whight, S

Indices of fire characteristics in sandstone heath near Sydney, Australia **1999**, *9*(2), 145-153

Whisenant, SG

Examining fire behavior in mesquite–acacia shrublands **2005**, *14*(2), 131-140

# White, J

Assessing the capabilities of geospatial data to map built structures and evaluate their bushfire threat **2009**, *18*(8), 1010-1020

#### White, JD

Remote Sensing of Forest Fire Severity and Vegetation Recovery **1996**, *6*(3), 125-136

# White, RH

Use of the cone calorimeter to detect seasonal differences in selected combustion characteristics of ornamental vegetation

**2005**, 14(3), 321-338

## White, RH

Combustion properties of *Bromus tectorum* L.: influence of ecotype and growth under four CO<sub>2</sub> concentrations **2006**, *15*(2), 227-236

#### White, RH

Combustion characteristics of north-eastern USA vegetation tested in the cone calorimeter: invasive versus non-invasive plants

**2007**, 16(4), 426-443

## White, RH

Testing and classification of individual plants for fire behaviour: plant selection for the wildland–urban interface **2010**, *19*(2), 213-227

## Whitehead, PJ

Customary use of fire by indigenous peoples in northern Australia: its contemporary role in savanna management **2003**, *12*(3&4), 415-425

## Whitehead, PJ

Fire and savanna landscapes in northern Australia: regional lessons and global challenges **2003**, *12*(3&4), v-ix

## Whitehead, PJ

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, *16*(4), 361-377

# Whitlock, C

Long-term relations among fire, fuel, and climate in the north-western US based on lake-sediment studies **2008**, *17*(1), 72-83

## Whitten, S

An optimisation modelling approach to seasonal resource allocation for planned burning **2011**, *20*(2), 175-183

## Whittle, CA

Soil Seed Bank of a Jack Pine (*Pinus Banksiana*) Ecosystem **1998**, 8(2), 67-71

## Wibowo, A

A Note on Fuelbeds and Fire Behavior in Alang-Alang (*Imperata Cylindrica*) **1992**, 2(1), 41-46

#### Wierzchowski, J

Lightning and lightning fire, central cordillera, Canada **2002**, *11*(1), 41-51

#### Wilhelm, DF

Climatological and statistical characteristics of the Haines Index for North America **2007**, *16*(2), 139-152

#### Williams, D

Analysis of the patterns of large fires in the boreal forest region of Alaska

**2002**, 11(2), 131-144

#### Williams, DR

Interpreting federal policy at the local level: the wildland–urban interface concept in wildfire protection planning in the eastern United States **2009**, *18*(3), 278-289

## Williams, DR

Community wildfire protection planning: is the Healthy Forests Restoration Act's vagueness genius?

**2011**, 20(3), 350-363

## Williams, RJ

Seasonal Changes in Fire Behaviour in a Tropical Savanna in Northern Australia 1998, 8(4), 227-239

#### Williams, RJ

Experimental comparison of four remote sensing techniques to map tropical savanna firescars using Landsat-TM imagery

**2003**, 12(3&4), 341-348

## Williams, RJ

Fire experiments in northern Australia: contributions to ecological understanding and biodiversity conservation in tropical savannas **2003**, *12*(3&4), 391-402

## Williams, RJ

Fire and savanna landscapes in northern Australia: regional lessons and global challenges **2003**, *12*(3&4), v-ix

# Williams, RJ

Physically motivated empirical models for the spread and intensity of grass fires **2008**, *17*(5), 595-601

## Williams, RJ

Large fires and their ecological consequences: introduction to the special issue

**2008**, 17(6), 685-687

## Williams, RJ

Large fires in Australian alpine landscapes: their part in the historical fire regime and their impacts on alpine biodiversity **2008**, *17*(6), 793-808

# Williams, RJ

Prescribed burning: how can it work to conserve the things we value?

2011, 20(6), 721-733

## Williamson, MA

Factors in United States Forest Service district rangers' decision to manage a fire for resource benefit **2007**, 16(6), 755-762

#### Williamson, NM

Heat content variation of interior Pacific Northwest conifer foliage **2002**, *11*(1), 91-94

#### Wilson, CA

Season of burn and nutrient losses in a longleaf pine ecosystem **2004**, *13*(4), 443-453

#### Wilson, GWT

Rhus glabra response to season and intensity of fire in tallgrass prairie

**2011**, 20(5), 709-720

# Wimberly, MC

Influences of forest roads on the spatial pattern of wildfire boundaries

**2011**, 20(6), 792-803

#### Wing, MG

Applying LiDAR technology for tree measurements in burned landscapes

**2010**, *19*(1), 104-114

#### Winkel, VK

Influence of Canopy Removal by Burning or Clipping on Emergence of *Eragrostis lehmanniana* Seedlings **1991**, *I*(1), 35-40

## Winkler, JA

Climatological and statistical characteristics of the Haines Index for North America **2007**, *16*(2), 139-152

## Winter, GJ

Assessing the benefits of reducing fire risk in the wildland-urban interface: a contingent valuation approach **1999**, 9(1), 9-20

## Winterkamp, J

Studying wildfire behavior using FIRETEC

**2002**, 11(3&4), 233-246

## Winterkamp, J

Modeling interactions between fire and atmosphere in discrete element fuel beds **2005**, *14*(2), 37-48

# Winterkamp, J

Coupled influences of topography and wind on wildland fire behaviour **2007**, *16*(2), 183-195

# Winterkamp, JL

A numerical study of slope and fuel structure effects on coupled wildfire behaviour **2010**, *19*(2), 179-201

## Wise, EK

Meteorologically influenced wildfire impacts on urban particulate matter and visibility in Tucson, Arizona, USA **2008**, *17*(2), 214-223

# Wittenberg, L

Soil Erosion and Forestry Management After Wildfire in a Mediterranean Woodland, Mt. Carmel, Israel 1997, 7(4), 285-294

#### Wittenberg, L

Monitoring post-wildfire vegetation response with remotely sensed time-series data in Spain, USA and Israel **2010**, *19*(1), 75-93

#### Wittenberg, U

Strategy for a Fire Module in Dynamic Global Vegetation Models 1999, 9(1), 79-84

#### Wittich, K-P

An experiment to test the potential for glass fragments to ignite wildland fuels **2009**, *18*(7), 885-891

## Wohlgemuth, PM

Evaluating the effectiveness of contour-felled log erosion barriers as a post-fire runoff and erosion mitigation treatment in the western United States **2008**, *17*(2), 255-273

#### Woinarski, J

Monitoring the impacts of fire regimes on vegetation in northern Australia: an example from Kakadu National Park **2003**, *12*(3&4), 427-440

# Woinarski, JCZ

Fire experiments in northern Australia: contributions to ecological understanding and biodiversity conservation in tropical savannas **2003**, *12*(3&4), 391-402

# Wood, JT

What factors influence rapid post-fire site re-occupancy? A case study of the endangered Eastern Bristlebird in eastern Australia

2009, 18(1), 84-95

# Woodard, PM

Sampling Intensity for Estimating Fuel Moisture Content in Lodgepole Pine and White Spruce Trees 1992, 2(1), 1-6

# Woodard, PM

A Low Pressure Soaker Hose Containment System for Wildland Fires 1992, 2(4), 185-191

# Woodard, PM

Book Review - Young Men and Fire, by Norman Maclean **1993**, *3*(1), 59-64

# Woodard, PM

A Logit Model for Predicting the Daily Occurrence of Human Caused Forest-Fires **1995**, *5*(2), 101-111

## Woodruff Miller, A

Chino well fire: a hydrologic evaluation of rainfall and runoff from the Mud Canyon watershed 1999, 9(1), 1-8

## Woods, J

A critical assessment of the Burning Index in Los Angeles County, California **2007**, *16*(4), 473-483

# Woods, SW

The effect of ash on runoff and erosion after a severe forest wildfire, Montana, USA **2008**, *17*(5), 535-548

# Woods, SW

Effectiveness of aerial seeding and straw mulch for reducing post-wildfire erosion, northwestern Montana, USA **2008**, *17*(5), 559-571

#### Woolford, DG

A model for predicting humancaused wildfire occurrence in the region of Madrid, Spain **2010**, 19(3), 325-337

## Wooster, MJ

Remote classification of head and backfire types from MODIS fire radiative power and smoke plume observations **2005**, *14*(3), 249-254

#### Wotton, BM

A Study on the Interpolation of Fire Danger Using Radar Precipitation Estimates **1998**, 8(4), 217-225

#### Wotton, BM

The effect of fire front width on surface fire behaviour **1999**, *9*(4), 247-253

# Wotton, BM

Fire, climate change, carbon and fuel management in the Canadian boreal forest **2001**, *10*(3&4), 405-413

# Wotton, BM

Fire weather index system components for large fires in the Canadian boreal forest **2004**, *13*(4), 391-400

## Wotton, BM

An index for tracking sheltered forest floor moisture within the Canadian Forest Fire Weather Index System **2005**, *14*(2), 169-182

# Wotton, BM

Modelling the probability of sustained flaming: predictive value of fire weather index components compared with observations of site weather and fuel moisture conditions **2007**, *16*(2), 161-173

## Wotton, BM

Stand-specific litter moisture content calibrations for the Canadian Fine Fuel Moisture Code **2007**, *16*(4), 463-472

# Wotton, BM

Implications of changing climate for global wildland fire **2009**, *18*(5), 483-507

# Wotton, BM

Wildland–urban interface fire behaviour and fire modelling in live fuels **2010**, *19*(2), 149-152

## Wotton, BM

Forest fire occurrence and climate change in Canada **2010**, *19*(3), 253-271

#### Wotton, BM

Interactive effects of vegetation, soil moisture and bulk density on depth of burning of thick organic soils **2011**, 20(3), 418-429

# Wotton, BM

Defining fire spread event days for fire-growth modelling **2011**, *20*(4), 497-507

#### Wouters, M

Effects of the fire retardant Phos-Chek on vegetation in eastern Australian heathlands **2005**, *14*(2), 199-211

## Woycheese, JP

Firebrands and spotting ignition in large-scale fires **2010**, *19*(7), 818-843

#### Wozniak, E

Analysis of the evolution of soil erosion classes using multitemporal Landsat imagery **2008**, *17*(5), 549-558

## Wright, BR

Resprouting responses of Acacia shrubs in the Western Desert of Australia – fire severity, interval and season influence survival **2007**, *16*(3), 317-323

#### Wright, C

Measuring moisture dynamics to predict fire severity in longleaf pine forests **2002**, *11*(3&4), 267-279

# Wright, CS

Critique of Sikkink and Keane's comparison of surface fuel sampling techniques **2010**, *19*(3), 374-376

# Wright, D

Measuring moisture dynamics to predict fire severity in longleaf pine forests **2002**, *11*(3&4), 267-279

# Wright, HA

The Role of Prescribed Burning in Regenerating *Quercus Macrocarpa* and Associated Woody Plants in Stringer Woodlands in the Black Hills, South Dakota **1996**, *6*(1), 21-29

## Wu. A-M

Rapid locating of fire points from Formosat-2 high spatial resolution imagery: example of the 2007 California wildfire **2009**, *18*(4), 415-422

## Wunder, I

Flame interactions and burning characteristics of two live leaf samples

# **2009**, 18(7), 865-874

## Wunder, R

Experimental measurements during combustion of moist individual foliage samples **2010**, *19*(2), 153-162

## Xanthopoulos, G

Evaluation of forest fire retardant removal from forest fuels by rainfall

**2006**, 15(3), 293-297

Xanthopoulos, G
Investigation of the wind speed
threshold above which
discarded cigarettes are likely to

be moved by the wind **2006**, *15*(4), 567-576

#### Yu (

Long-term forest landscape responses to fire exclusion in the Great Xing'an Mountains, China

2007, 16(1), 34-44

#### Xu, H

A critical assessment of the Burning Index in Los Angeles County, California **2007**, *16*(4), 473-483

## Yakubailik, O

The spatial and temporal distribution of fires on Sakhalin Island, Russia **2007**, *16*(5), 556-562

#### Yan, W

Fire-climate relationships and long-lead seasonal wildfire prediction for Hawaii **2002**, *11*(1), 25-31

#### Yang, JC

Ignition of mulch and grasses by firebrands in wildland–urban interface fires

2006, 15(3), 427-431

# Yates, C

Contemporary fire regimes of northern Australia, 1997–2001: change since Aboriginal occupancy, challenges for sustainable management **2003**, *12*(3&4), 283-297

## Yates, C

Fire-created patchiness in Australian savannas **2003**, *12*(3&4), 323-331

## Vates (

Fire regimes and vegetation sensitivity analysis: an example from Bradshaw Station, monsoonal northern Australia **2003**, *12*(3&4), 349-358

# Yates, C

Patterns of landscape fire and predicted vegetation response in the North Kimberley region of Western Australia **2003**, *12*(3&4), 369-379

## Yates, C

Fire regimes and soil erosion in north Australian hilly savannas **2006**, *15*(4), 551-556

## Yates, CJ

Repeated disturbance through chaining and burning differentially affects recruitment among plant functional types in fire-prone heathlands

**2010**, 19(1), 52-62

## Yates, CP

Bushfires 'down under': patterns and implications of contemporary Australian landscape burning **2007**, *16*(4), 361-377

#### Yates, CP

Big fires and their ecological impacts in Australian savannas: size and frequency matters **2008**, *17*(6), 768-781

#### Yaussy, DA

A comparison of thermocouples and temperature paints to monitor spatial and temporal characteristics of landscapescale prescribed fires **2004**, *13*(3), 311-322

## Yebra, M

Prediction of fire occurrence from live fuel moisture content measurements in a Mediterranean ecosystem **2009**, 18(4), 430-441

#### Yedinak, KM

An examination of fire spread thresholds in discontinuous fuel beds

**2010**, 19(2), 163-170

#### Yedinak, KM

An examination of flame shape related to convection heat transfer in deep-fuel beds **2010**, *19*(2), 171-178

## Yen, S-Y

Rapid locating of fire points from Formosat-2 high spatial resolution imagery: example of the 2007 California wildfire **2009**, 18(4), 415-422

## Yin, ZY

Fire Regime of the Okefenokee Swamp and Its Relation to Hydrological and Climatic Conditions 1993, 3(4), 229-240

## Yool, SR

Modeling potential erosion due to the Cerro Grande Fire with a GIS-based implementation of the Revised Universal Soil Loss Equation **2003**, *12*(1), 85-100

# Yool, SR

Site environment characterization of downed woody fuels in the Rincon Mountains, Arizona: regression tree approach **2004**, *13*(4), 467-477

## York, A

Prescribed burning: how can it work to conserve the things we value?

**2011**, 20(6), 721-733

## Young, JA

Influence of Simulated Burning of Soil-Litter From Low Sagebrush, Squirreltail, Cheatgrass, and Medusahead on Water-Soluble Anions and Cations 1996, 6(3), 137-143

#### Young, MK

Effects of wildfire on stream temperatures in the Bitterroot River Basin, Montana **2011**, 20(2), 240-247

# Zabowski, D

Fire severity effects on soil organic matter from a ponderosa pine forest: a laboratory study **2010**, *19*(5), 613-623

## Zamudio, DC

The Influence of Wildfire on Aqueous-Extractable Soil Solutes in Forested and Wet Meadow Ecosystems Along the Eastern Front of the Sierra-Nevada Range, California 1998, 8(2), 79-85

#### Zanner, CW

Spatial distribution and properties of ash and thermally altered soils after high-severity forest fire, southern California **2005**, *14*(4), 343-354

#### Zara, P

Relationships between seasonal patterns of live fuel moisture and meteorological drought indices for Mediterranean shrubland species **2007**, *16*(2), 232-241

#### Zara. 1

Seasonal variations of live moisture content and ignitability in shrubs of the Mediterranean Basin **2007**, *16*(5), 633-641

# Zárate, L

Long-term forest fire retardants: a review of quality, effectiveness, application and environmental considerations **2004**, *13*(1), 1-15

## Zavala, G

Landscape variables influencing forest fires in central Spain **2011**, *20*(5), 678-689

## Zahavi A

Seedling Mortality in Regeneration of Aleppo Pine Following Fire and Attack by the Scale Insect *Matsucoccus josephi* 

**1997**, 7(4), 327-333

# Zepeda-Bautista, M

First year survival of *Pinus* hartwegii following prescribed burns at different intensities and different seasons in central Mexico

**2007**, 16(1), 54-62

# Zhang, Y

Experimental comparison of four remote sensing techniques to map tropical savanna firescars using Landsat-TM imagery

**2003**, 12(3&4), 341-348

# Zhao, FJ

Wildfires and the Canadian Forest Fire Weather Index system for the Daxing'anling region of China 2011, 20(8), 963-973

## Zhien, W

Project Aquarius 5. Activity Distribution, Energy Expenditure, and Productivity of Men Suppressing Free-Running Wildland Fires With Hand Tools 1997, 7(2), 105-118

#### Zhien, W

Project Aquarius 6. Heat Load From Exertion, Weather, and Fire in Men Suppressing Wildland Fires 1997, 7(2), 119-131

## Zhien, W

Project Aquarius 7. Physiological and Subjective Responses of Men Suppressing Wildland Fires **1997**, 7(2), 133-144

#### Zhien, W

Project Aquarius 8. Sweating, Drinking, and Dehydration in Men Suppressing Wildland Fires 1997, 7(2), 145-158

#### Zhien, W

Project Aquarius 9. Relative Influence of Job Demands and Personal Factors on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires 1997, 7(2), 159-166

#### Zhien, W

Project Aquarius 10. Effects of Work, Weather, and Fire on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 167-180

# Zhien, W

Project Aquarius 11. Effects of Fitness, Fatness, Body Size, and Age on the Energy Expenditure, Strain, and Productivity of Men Suppressing Wildland Fires **1997**, 7(2), 181-199

## Zhien, W

Project Aquarius 12. Effects of Style, Fabric, and Flame-Retardant Treatment on the Effectiveness and Acceptability of Wildland Firefighters' Clothing 1997, 7(2), 201-206

# Zhien, W

Project Aquarius 13. The Thermal Burden of High Insulation and Encapsulation in Wildland Firefighters' Clothing 1997, 7(2), 207-218

## Zhien, W

Project Aquarius 1. Stress, Strain, and Productivity in Men Suppressing Australian Summer Bushfires With Hand Tools: Background, Objectives, and Methods 1997, 7(2), 69-76

## Zhien, W

Project Aquarius 2. Limitations of Maximum Oxygen Uptake for Predicting the Strains of Building Fireline With a Rakehoe 1997, 7(2), 77-85

#### Zhien, W

Project Aquarius 3. Effects of Work Rate on the Productivity, Energy Expenditure, and Physiological Responses of Men Building Fireline With a Rakehoe in Dry Eucalypt Forest 1997, 7(2), 87-98

#### Zhien, W

Project Aquarius 4.
Experimental Bushfires,
Suppression Procedures, and
Measurements
1997, 7(2), 99-104

# Zhong, S

Validation of the Haines Index predicted from real-time high-resolution MM5 forecasts using rawinsonde observations over the eastern half of the USA **2005**, 14(3), 233-244

## Zhong, S

In situ measurements of water vapor, heat, and CO<sub>2</sub> fluxes within a prescribed grass fire **2006**, *15*(3), 299-306

#### Zhong, S

A North American regional reanalysis climatology of the Haines Index **2011**, *20*(1), 91-103

#### Zhou, X

Fire spread in chaparral—'go or no-go?' **2005**, *14*(2), 99-106

# Zhuang, Q

Characterization of wildfire regimes in Canadian boreal terrestrial ecosystems **2009**, 18(8), 992-1002

## Zida, D

Fuel and fire characteristics in savanna–woodland of West Africa in relation to grazing and dominant grass type **2007**, *16*(5), 531-539

## Zielonka, T

A 400-year history of fires on lake islands in south-east Sweden **2010**, *19*(8), 1050-1058

## Ziga, S

A Study on the Interpolation of Fire Danger Using Radar Precipitation Estimates **1998**, 8(4), 217-225

## Zimmerman, GT

Changing fuel management strategies - The challenge of meeting new information and analysis needs **2001**, *10*(3&4), 267-275

# Zipperer, WC

Flammability of native understory species in pine flatwood and hardwood hammock ecosystems and implications for the wildlandurban interface **2004**, *13*(3), 355-365

# Zipperer, WC

Testing and classification of individual plants for fire behaviour: plant selection for the wildland–urban interface **2010**, *19*(2), 213-227

#### Ziska, LH

Combustion properties of Bromus tectorum L.: influence of ecotype and growth under four CO<sub>2</sub> concentrations **2006**, 15(2), 227-236

#### Zulauf, MA

The importance of fire—atmosphere coupling and boundary-layer turbulence to wildfire spread **2009**, *18*(1), 50-60

# Zuloaga-Aguilar, S

Effect of heat shock on germination of 23 plant species in pine–oak and montane cloud forests in western Mexico **2010**, 19(6), 759-773