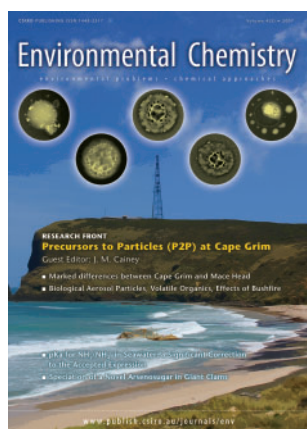




Cover

Clouds are an important part of our atmosphere and they have a critical role in controlling the amount of the sun's energy that reaches the earth's surface. Understanding exactly how clouds impact on our climate and ensuring that we can accurately model the current role and extent of clouds is critical to determine how any changes in climate will affect clouds and how clouds will affect climate in the future. In February 2006 the Precursors to Particles (P2P 2006) campaign occurred at the Cape Grim Baseline Air Pollution Station, Tasmania. This Research Front (pp. 141–182) discusses important findings from the P2P campaign.



Arsenic is known to accumulate in various marine organisms. The high acute toxicity of inorganic arsenic species and the potential chronic toxicity of some organoarsenic species require detailed knowledge about the occurrence and metabolism of arsenic compounds in marine organisms. V. Nischwitz and S. A. Pergantis (pp. 187–196) describe the use of advanced analytical techniques that may improve our understanding of arsenic metabolism.

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