

# American Journal of Science

FEBRUARY 2003

## CONTENTS

- Creep compaction of quartz aggregates: Effects of pore-fluid flow—A combined experimental and theoretical study  
*Wenwu He, Andrew Hajash, and David Sparks* 73
- Cretaceous and Cenozoic evolution of seawater composition, atmospheric O<sub>2</sub> and CO<sub>2</sub>: A model perspective  
*Karen W. Hansen and Klaus Wallmann* 94
- The role of felsic and mafic igneous rocks in deciphering the evolution of thrust-stacked terranes: An example from the north Norwegian Caledonides  
*Mark G. Steltenpohl, Arild Andresen, Mona Lindstrøm, Peter Gromet, and Laura W. Steltenpohl* 149