Biomarkers heat up during earthquakes: New evidence of seismic slip in the rock record
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Analyses of fluid inclusions in Neoproterozoic marine halite provide oldest measurement of seawater chemistry
Natalie Spear, H.D. Holland, Javier Garcia-Veigas, T.K. Lowenstein, Robert Giegengack, and Heide Peters

Temporal and spatial evolution of a waxing then waning catastrophic density current revealed by chemical mapping
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Bayou Corne, Louisiana, sinkhole: Precursory deformation measured by radar interferometry
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Decoupled Hf-Nd isotopes in Neoarchean seawater reveal weathering of emerged continents
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Plate tectonic influences on Neoproterozoic–early Paleozoic climate and animal evolution
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Parasequence types in shelfal mudstone strata—Quantitative observations of lithofacies and stacking patterns, and conceptual link to modern depositional regimes
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Magnetite in seafloor serpentinite—Some like it hot

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Basin inversion in central Taiwan and its importance for seismic hazard

Geomorphic and stratigraphic signals of postglacial meltwater pulses on continental shelves
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Exceptional preservation of angiosperm markers in Miocene and Eocene ambers
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ERRATUM: Glaciovolcanic evidence for a polythermal Neogene East Antarctic Ice Sheet
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In-situ Pb isotopic analysis of sulfides in abyssal peridotites: New insights into heterogeneity and evolution of the oceanic upper mantle

A White Nile megalake during the last interglacial period
Timothy T. Barrows, Martin A.J. Williams, Stephanie C. Mills, Geoff A.T. Duller, L. Keith Fifield, David Haberlah, Stephen G. Tims, and Frances M. Williams

Basins and bedrock: Spatial variation in 10Be erosion rates and increasing relief in the southern Rocky Mountains, USA
David P. Dethier, Will Quimet, Paul R. Bierman, Dylan H. Rood, and Greg Balco

How accurate are rivers as gauges of chemical denudation of the Earth surface?
Julien Bouchez and Jérôme Gaillardet

RESEARCH FOCUS: Geochemical Fingerprinting of the Earth’s Oldest Rocks
Julian A. Pearce

ONLINE FORUMS

Rare earth element abundances in apatite in the Bushveld Complex—A consequence of the trapped liquid shift effect
e318 COMMENT: J.A. VanTongeren and E.A. Mathez
e319 REPLY: R. Grant Cawthorn
Granite inselberg on east bank of the White Nile River in southern Sudan. A series of inselbergs, eroding slowly at a rate of 1–5 m/m.y., line the margin of a large dried lake in the White Nile valley floor. Sediment from the flanks of these inselbergs has been reworked into wide long shorelines that extend away to the north and south. See “A White Nile megasea during the last interglacial period” by Barrows et al., p. 163–166.

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