875 Flood enhancement through flood control
Robert E. Criss, Everett L. Shock

879 Use of a new $^{10}$Be and $^{26}$Al inventory method to date marine terraces, Santa Cruz, California, USA
L.A. Perg, R.S. Anderson, R.C. Finkel

883 Model for the sigmoidal curvature of submarine slopes
Wolfgang Schlager, Erwin W. Adams

887 When did hominids first leave Africa?: New high-resolution magnetostratigraphy from the Erk-el-Ahmar Formation, Israel
Hagai Ron, Shaul Levi

891 Benthic foraminifera at the Cretaceous-Tertiary boundary around the Gulf of Mexico
Laia Alegret, Eustoquio Molina, Ellen Thomas

895 Modeling heterogeneous stretching during episodic or steady rifting of the continental lithosphere
Genene Mulugeta, Woldai Ghebreab

899 Pleistocene glass in the Australian desert: The case for an impact origin
Peter W. Haines, Richard J.F. Jenkins, Simon P. Kelley

903 Sampling at the species level: Impact of spatial biases on diversity gradients
Stephen R. Westrop, Jonathan M. Adrain

907 Structure, inferred mechanical properties, and implications for fluid transport in the décollement zone, Costa Rica convergent margin
Harold Tobin, Paola Vannucchi, Martin Meschede

911 Unraveling the 1974 eruption of Fuego volcano (Guatemala) with small crystals and their young melt inclusions
Kurt Roggensack

915 Evidence for reduced quartz-cementation rates in oil-filled sandstones
Ann M.E. Marchand, R. Stuart Haszeldine, P. Craig Smalley, Calum I. Macaulay, Anthony E. Fallick

919 New experiment to model self-organized critical transport and accumulation of melt and hydrocarbons from their source rocks
Paul D. Bons, Boudewijn P. van Milligen

923 Microbioirrigation of marine sediments in dysoxic environments: Implications for early sediment fabric formation and diagenetic processes
Jennifer Pike, Joan M. Bernhard, Steven G. Moreton, Ian B. Butler

927 Normal faults, normal friction?
Cristiano Collettini, Richard H. Sibson

931 Fossil hydrothermal systems tracking Eocene climate change in Antarctica
Luigi Dallai, Claudio Ghezzo, Antonio Longinelli

935 Immense vent complex marks flood-basalt eruption in a wet, failed rift: Coombs Hills, Antarctica
J.D.L. White, M.K. McClintock

939 Miocene cooling in the northern Qilian Shan, northeastern margin of the Tibetan Plateau, revealed by apatite fission-track and vitrinite-reflectance analysis
Annette D. George, Susan J. Marshallsea, Karl-Heinz Wyrwoll, Chen Jie, Lu Yanchou

943 Pedogenic iron-manganese nodules in Vertisols: A new proxy for paleoprecipitation?
Cynthia A. Stiles, Claudia I. Mora, Steven G. Driese

947 Late Cretaceous paleogeography of Wrangellia: Paleomagnetism of the MacColl Ridge Formation, southern Alaska, revisited
John A. Stamatakos, Jeffrey M. Trop, Kenneth D. Ridgway

951 How and when did the Yellow River develop its square bend?
Aiming Lin, Zhenyu Yang, Zhiming Sun, Tianshui Yang

955 Continental island from the Upper Silurian (Ludfordian Stage) of Inner Mongolia: Implications for eustasy and paleogeography
Markes E. Johnson, Rong Jia-yu, Wang Cheng-yan, Wang Ping

959 Geology and venting characteristics of the Mothra hydrothermal field, Endeavour segment, Juan de Fuca Ridge
Deborah S. Kelley, John R. Delaney, Dana R. Yoerger

963 Dating low-grade metamorphic events by SHRIMP U-Pb analysis of monazite in shales
Birger Rasmussen, Ian R. Fletcher, Neal J. McNaughton

967 Potential for large-scale submarine slope failure and tsunami generation along the U.S. mid-Atlantic coast: Comment
Comment: Alan Ruffman

968 Statement of Ownership, Management, and Circulation