RESEARCH ARTICLES

Influence of seabed morphology and substrate composition on mass-transport flow processes and pathways: insights from the Magdalena Fan, offshore Colombia
Andrea Ortiz-Karpf, David M. Hodgson, Christopher A.-L. Jackson, and William. D. McCaffrey

Depositional cycles and sequences in an organic-rich lake basin: Eocene Green River Formation, Lake Uinta, Colorado and Utah, U.S.A.
Kati Tänavsuu-Milkeviciene, J. Frederick Sarg, and Yuval Bartov

Pedogenic mud aggregates preserved in a fine-grained meandering channel in the Lower Permian Clear Fork Formation, north-central Texas, U.S.A.
Sharane S.T. Simon and Martin R. Gibling

Seasonal pattern in the high-elevation fluviatile travertine from the Jiuzhaigou National Nature Reserve, Sichuan, southwestern China
Stefano Lugli, Ya Tang, Matteo Reghizzi, Xue Qiao, B. Charlotte Schreiber, and Guiping Deng

The transformation of sediment into rock: insights from IODP Site U1352, Canterbury Basin, New Zealand
Kathleen M. Marsaglia, Greg H. Browne, Simon C. George, David B. Kemp, John M. Jaeger, David Carson, Mathieu Richaud, and IODP Expedition 317 Scientific Party

Insights into marls from optical and back-scattered electron petrography: an example from the outer Carpathians (Poland)
Katarzyna Górniak

CURRENT RIPPLES

Deep-marine pseudo dune cross-stratification—similar, but completely different
R.W.C. Arnott and O. Al-Mufti