Research articles

LIU, G., FAN, Q., LI, W., SCARINGI, G., LONG, Y., HE, J. & LI, Z. Spatio-temporal network modelling and analysis of global strong earthquakes (Mw \geq 6.0) 883

STRACHAN, R. A., ASLOP, G. I., RAMEZANI, J., FRAZER, R. E., BURNS, I. M. & HOLDSWORTH, R. E. Patterns of Silurian deformation and magmatism during sinistral oblique convergence, northern Scottish Caledonides 893

LEFORT, J.-P., CHAMBERS, P., DANKULAKOVA, G., MONNIER, J.-L., OSIPova, E., RENOUFF, J., AOGUSTIN, D. & PUSTOC’H, F. Did an earthquake located off Jersey trigger a mudflow preserving the only loess outcrop known under the seas? 911

FAUQUETTE, S., SUC, J.-P., POPESCU, S.-M., GUILLAUME, F., VIOLETTE, S., JOST, A., ROBIN, C., BRIALS, J. & BABY, G. Pliocene uplift of the Massif Central (France) constrained by the palaeoelevation quantified from the pollen record of sediments preserved along the Cantal Stratovolcano (Murat area) 923

LARREY, M., MOULHEREAU, F., MASINI, E., HUYGHE, D., GAUCHER, E. C., VIRGONE, A., & MIEGEBIELLE, V. Quaternary tectonic and climate changes at the origin of travertine and calcrete in the eastern Betics (Almeria region, SE Spain) 939

SHAFAII MOGHADAM, H., LI, Q.-L., STERN, R. J., CHIARADIA, M., KAERSLI, O. & RAHIMZADEH, B. The Palaeogene ophiolite conundrum of the Iran–Iraq border region 955


SONG, D., XIAO, W., WINDLEY, B. F. & HAN, C. Carboniferous to Early Triassic magmatism and accretion in Alxa (NW China): implications for accretionary orogenesis of the southern Altai 997

GAN, C., WANG, Y., BARRY, T. L., ZHANG, Y. & QIAN, X. Spatial and temporal influence of Pacific subduction on South China: geochemical migration of Cretaceous mafic–intermediate rocks 1013


PHILLIPS, T. B. & MAGER, C. Structural controls on the location, geometry and longevity of an intraplate volcanic system: the Tuatara Volcanic Field, Great South Basin, New Zealand 1039

Thematic Collection: Geology of Fractured Reservoirs

HOLDSWORTH, R. E., TRICE, R., HARDMAN, K., McCAFFREY, K. J. W., MORTON, A., FREI, D., DEMPSEY, E., BIRD, A. & ROGERS, S. The nature and age of basement host rocks and fissure fills in the Lancaster field fractured reservoir, West of Shetland 1057

UKAR, E., BAGUES, V., LAUBACH, S. E. & MARKETT, R. The nature and origins of decametre-scale porosity in Ordovician carbonate rocks, Halahatang oilfield, Tarim Basin, China 1074

PASTORIZA PRIMALON, L., McCAFFREY, K. J. W. & HOLDSWORTH, R. E. Fracture attribute and topology characteristics of a geothermal reservoir: Southern Negros, Philippines 1092

Geological Society Internet site: www.geolsoc.org.uk
JGS online submission: www.editorialmanager.com/jgsl

Abstracted and/or indexed in Current Contents, Science Citation Index, GeoArchive, GeoRef, Geobase, Petroleum Abstracts, Geological Abstracts and Mineralogical Abstracts.

Published by the Geological Society of London

Cover image: The intertidal zone at Fanore Beach is the perfect location for the combination of fossil hunting and sea creature viewing. The diversity of living and fossil organisms on display in the intertidal zone provides ample reward for an observer with a keen eye and a creative imagination. Visualizing marine life in the present allows for a clearer picture of life in the ancient oceans that existed throughout geological time. Photo: Martin Sykes.