

Petroleum Geoscience

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e-mail: hayden@centurionepublishing.uk
Century One Publishing Ltd, Alban Row,
27–31 Verulam Road, St Albans AL3 4DG

Petroleum Geoscience (ISSN 1354-0793) is published in February, May, August and November by the Geological Society Publishing House for the Geological Society, London and the European Association of Geoscientists and Engineers.

Subscription rates 2017 (volume 23, 4 parts)

All correspondence relating to trade subscriptions should be addressed to the Journal Subscription Department, Geological Society Publishing House, Unit 7, Brassmill Enterprise Centre, Brassmill Lane, Bath, UK, BA1 3JN (Tel: +44 (0) 1225 445046; Fax: +44 (0) 1225 442836; e-mail: sales@geolsoc.org.uk). The subscription prices for 2017 are as follows: online only £466 + VAT for UK, EU and ROW users; online + print £560 + VAT for UK, EU and ROW users. More information about subscription prices can be found at www.geolsoc.org.uk/lcaccess

Periodical postage paid at Middlesex, N.J.
Postmaster: send address changes to *Petroleum Geoscience*, The Geological Society, c/o Pronto Mailers, PO Box 177, Middlesex, NJ 08846.

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Cover image

Reddening and bleaching of Aztec Sandstone due to the reactions between fluid flow and compaction bands at high-angle to bedding (lower dune in the foreground) and compaction bands sub-parallel to bedding (upper dune in the background). The Jurassic Aztec Sandstone is an aeolian sandstone exposed in Valley of Fire State Park, Nevada. Deng *et al.* 2017 (*Petroleum Geoscience*, **23**, 223–230) discuss the fluid-flow effects of compartmentalized distribution of compaction bands of various orientations.

Photo by Atilla Aydin.

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The EAGE's Norman Falcon Award is presented to the author(s) of the best paper published in *Petroleum Geoscience* (or in *First Break* in a related topic) in the calendar year preceding the award. The paper should be of high scientific standard and should represent a significant contribution to one or more sub-surface disciplines.

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Typeset by Nova Techset Private Limited, Bengaluru & Chennai, India.

Printed on acid-free paper and bound by Henry Ling Ltd, Dorset Press, Dorchester, Dorset DT1 1HD, UK.

Petroleum Geoscience

Petroleum Geoscience transcends disciplinary boundaries and publishes a balanced mix of articles covering exploration, exploitation, appraisal, development and enhancement of sub-surface hydrocarbon resources and carbon repositories. The integration of disciplines in an applied context, whether for fluid production, carbon storage or related geoenery applications, is a particular strength of the journal. Articles on enhancing exploration efficiency, lowering technological and environmental risk, and improving hydrocarbon recovery communicate the latest developments in sub-surface geoscience to a wide readership.

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