

Petroleum Geoscience

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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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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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