

Petroleum Geoscience

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Cover illustration:

A virtual view from the Gulf of Suez towards the Red Sea Mountains at the horizon. A shallow palaeo-wadi about 150 m below the surface mapped with P-wave reflection data (bottom right corner) is co-located with a structural ridge obtained from the geological interpretation of seismic surface wave data. The fracturing, which runs diagonally from the bottom left corner up to the middle of the right corner of the image has been extracted from heterogeneities in the P-wave reflection data. The interpreted seismic data are placed at the correct depth and in correct size below a surface photograph. Image courtesy of Andreas Laake 2011 (*Petroleum Geoscience*, 17, 165–179).