



Issue Contents



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2012

Brief Detailed

Solid Earth

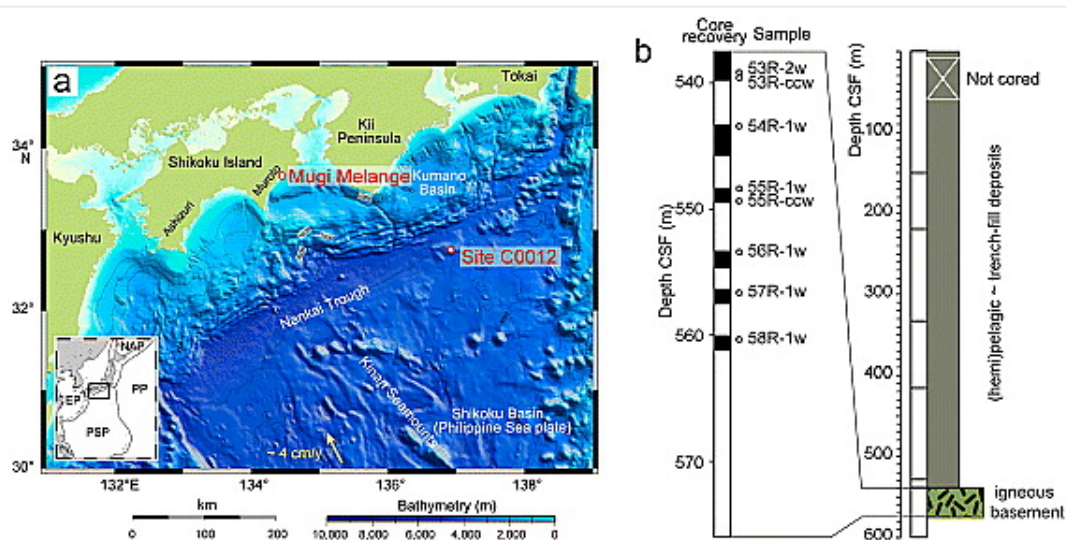
A new source of water in seismogenic subduction zones

Jun Kameda, Asuka Yamaguchi, Saneatsu Saito, Hiroshi Sakuma, Katsuyuki Kawamura, Gaku Kimura

First Published: 18 November 2011 Vol: 39, L22306 | DOI: 10.1029/2011GL048883

KEY POINTS

- The uppermost oceanic basement is altered to form hydrous clay minerals
- Fluid is liberated via smectite to chlorite transition in seismogenic zone
- Fluid releasing rate from oceanic crust is higher than that from sediment

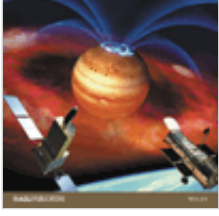


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