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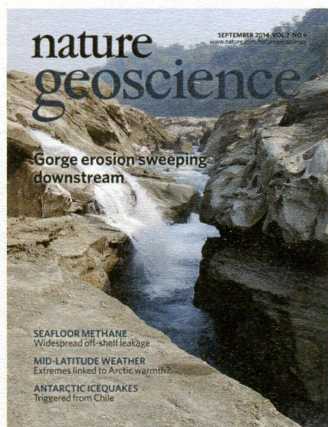
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**Gorge erosion sweeping
downstream**

SEAFLOOR METHANE
Widespread off-shelf leakage

MID-LATITUDE WEATHER
Extremes linked to Arctic warmth?

ANTARCTIC ICEQUAKES
Triggered from Chile



COVER IMAGE

Narrow river gorges are often short-lived features. Images of a bedrock gorge in Taiwan, which was carved after 1999, reveal rapid widening where the upstream floodplain meets the gorge, an erosional front that propagates downstream as the gorge is erased. The image shows the upper section of the Daan River gorge in March 2009, when this reach was still actively incising. Article p682; News & Views p624

IMAGE: KRISTEN L. COOK
COVER DESIGN: DAVID SHAND

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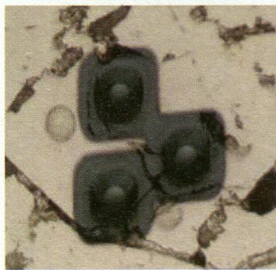
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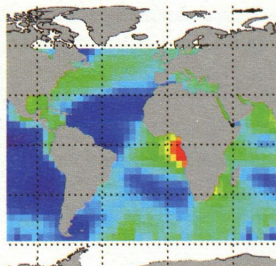
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How the atmosphere, hydrosphere and surface materials interacted on early Mars is poorly understood.

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