



indications that the sediments located at the boundary of oxygen-containing water layers play a previously unknown significant role in the recycling of nutrients from the ocean floor into the water," explains Dr. Pfannkuche. "This current expedition aims at an accurate description and quantification of the process." Results of the research cruise will also contribute to the Collaborative Research Center 754 "Climate - Biogeochemistry Interactions in the Tropical Ocean" that deals with oxygen-devoid environments in the open tropical ocean.

**Links:**

[www.geomar.de](http://www.geomar.de) GEOMAR Helmholtz Centre for Ocean Research Kiel

[www.sfb754.de](http://www.sfb754.de) The Collaborative Research Centre 754 "Climate Biogeochemistry Interactions in the Tropical Ocean"

[www.robex-allianz.de](http://www.robex-allianz.de) The Helmholtz Alliance ROBEX (Robotic Exploration of Extreme Environments)

**Images:**

Images are available for download at [www.geomar.de/n1443-e](http://www.geomar.de/n1443-e)

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