



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation – October 2001

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**Beaulieu, Stace E.**

Accumulation and fate of phytodetritus on the sea floor. In: *Oceanography and Marine Biology: An Annual Review*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10529**

**Behn, Mark D., Jian Lin, and Maria T. Zuber.**

Mechanisms for normal fault development at mid-ocean ridges.

*J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10540**

**Behn, Mark D., Jian Lin, and Maria T. Zuber.**

A continuum mechanics model for normal faulting using a strain-rate softening rheology: Implications for thermal and rheological controls on continental and oceanic rifting.

*Earth Planet.Sci.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10545**

**Brink, K. H., R. Limeburner, and Robert C. Beardsley.**

Properties of flow and pressure over Georges Bank as observed with near-surface drifters. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10548**

**Clift, Peter and Christoph Gaedicke.**

Accelerated mass flux to the Arabian Sea during the Middle-Late Miocene. *Geology*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10541**

**Clift, Peter, Jae Il Lee, Marin K. Clark, and Jerzy Blusztajn.**

Erosional response of South China to arc rifting and monsoonal strengthening; a record from the South China Sea. *Mar.Geol.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10542**

**Clift, Peter D., Andrew Carter, Michael Krol, and Eric Kirby.**

Constraints on India-Eurasia collision in the Arabian Sea region taken from the Indus group, Ladakh Himalaya, India. In: *Tectonic and Climatic Evolution of the Arabian Sea Region. Geophysical Society Special Publication.* The Geological Society of London. IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10551**

**Clift, Peter D.**

A brief history of the Indus River. In: *Tectonic and Climatic Evolution of the Arabian Sea Region. Geophysical Society Special Publication.* The Geological Society of London. IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10552**

**Draut, Amy E. and Peter D. Clift.**

The origin and significance of the Delaney Dome Formation, Connemara, Ireland. *J.Geol.Soc.London*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10546**

**Evans, Rob. L., Alan D. Chave, and John R. Booker.**

On the importance of offshore data for magnetotelluric studies of ocean-continent subduction systems. *Geophys.Res.Let.*, IN PRESS.

Department of WHOI Author: GEOL. AOPE.

Contribution Number: **10535**

**Glover, David M., Nelson M. Frew, Scott J. McCue, and Erik J. Bock.**

A multi-year time series of global gas transfer velocity from the TOPEX dual frequency, normalized radar backscatter algorithm. *Geophysical Monograph Series 127*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10338**

**Irish, J. D., A. E. Hay, P. Traykovski, A. Newhall, R. Craig, and W. M. Paul.**

On attaching acoustic imaging instrumentation to the LEO-15 observatory for sediment transport and bottom boundary layer studies. *IEEE Ocean Engr.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10534**

**Jayne, Steven R. and Jochem Marotzke.**

The ocean eddy heat transport. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10549**

**Johnsen, Sonke.**

Hidden in plain sight: The ecology and physiology of organismal transparency.

*Biol.Bull.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10555**

**McManus, J. F., D. W. Oppo, J. L. Cullen, and S. L. Healey.**

Marine Isotope Stage 11 (MIS 11): Analog for Holocene and future climate?. In: *Marine Isotope Stage 11: An Extreme Interglacial? Geophysical Monograph*, A.

Droxler, R. Poore, L. Burckle, L. Osterman, eds. American Geophysical Union, Washington D. C., IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10559**

**Moore, Sue E., William A. Watkins, Jeremy Davies, Mary Ann Daher, and Marilyn Dahlheim.**

Blue whale habitats in the Northwest Pacific: Analysis of remotely-sensed data using a geographic information system. *Oceanography*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10498**

**Pedlosky, Joseph.**

The destabilization of Rossby normal modes by meridional baroclinic shear.

*J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10547**

**Schmidt, W. E., B. T. Woodward, K. S. Millikan, R. T. Guza, B. Raubenheimer, and Steve Elgar.**

A GPS-tracked surfzone drifter. *J.Atmos.Oceanic Technol.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10554**



**Skovgaard, Anna Cecilie, Michael Storey, Joel Baker, Jerzy Blusztajn, and Stan R. Hart.**

Osmium - oxygen isotopic evidence for a recycled and strongly depleted component in the Iceland mantle plume. *Earth Planet.Sci.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10557**

**Smith, Deborah K., Maya Tolstoy, Christopher G. Fox, DelWayne R. Bohnenstiehl, Haru Matsumoto, and Matthew J. Fowler.**

Hydroacoustic monitoring of seismicity at the slow-spreading Mid-Atlantic.

*Geophys.Res.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10536**

**Sosik, Heidi M. and Robert J. Olson.**

Phytoplankton and iron limitation of photosynthetic efficiency in the Southern Ocean during late summer. *Deep-Sea Res.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10509**

**Trowbridge, John and Steve Elgar.**

Spatial scales of stress-carrying nearshore turbulence.

*J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10558**

**Van Dover, C. L., S. E. Humphris, S. E., D. Fornari, C. M. Cavanaugh, R. Collier, S. K. Goffredi, J. Hashimoto, M. Lilley, A. L. Reysenbach, T. M. Shank, K. L. Von Damm, A. Banta, R. M. Gallant, D. Gotz, D. Green, J. Hall, T. L. Harmer, L. A. Hurtado, and P. Johnson, et al.**

Biogeography and ecological setting of Indian Ocean hydrothermal vents. *Science*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**White, Sheri N., Alan D. Chave, and George T. Reynolds.**

Investigations of ambient light emission at deep-sea hydrothermal vents.

*J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10331**

**Wirsen, C. O., S. M. Sievert, C. M. Cavanaugh, s. J. Molyneaux, A. Ahmed,  
L. T. Taylor, E. F. Delong, and C. D. Taylor.**

Characterization of an autotrophic sulfide-oxidizing marine *Arcobacter* that produces filamentous sulfur. *Appl.Environ.Microbiol.*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10519**

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