



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – March 2002

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Bach, Wolfgang, Susan E. Humphris, and Andrew T. Fisher.

Fluid flow and fluid-rock interaction within ocean crust: Reconciling geochemical, geological, and geophysical observations.

Geophys.Monogr., IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10597**

Beardsley, Robert C., Steven J. Lentz, Robert A. Weller, Richard Limeburner, James D. Irish, and James B. Edson.

Surface forcing on the southern flank of Georges Bank, February-August 1995.

J.Geophys.Res., IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10654**

Bhattacharya, Janok P. and Liviu Giosan.

Wave-influenced deltas. *Sedimentology*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10646**

Bice, Karen L. and Richard D. Norris

Possible atmospheric CO₂ extremes of the mid-Cretaceous (late Albian-Turonian).

Paleoceanography, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10643**

Bracco, Annalisa and Joseph Pedlosky

Vortex generation by topography in locally unstable baroclinic flows.
J.Phys.Oceanogr., IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **10651**

Chapman, David C.

Comment on “Cross-shelf eddy heat transport in a wind-free coastal ocean undergoing winter time cooling” by J. M. Pringle. *J.Geophys.Res.*, IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **10638**

Charette, Matthew, A. and Edward R. Sholkovitz

Oxidation of groundwater-derived ferrous iron in the subterranean estuary of a coastal bay. *Geophys.Res.Lett.*, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **10636**

Churchill, James H., James P. Manning, and Robert C. Beardsley

Slope water intrusion onto Georges Bank. *J.Geophys.Res.*, IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **10649**

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*, Geological Society Special Publication, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **10630**

Clift, Peter D., Peter Hildebrand, Nobumichi Shimizu, Graham D. Layne, Jerzy Blusztajn, Joel D. Blum, Eduardo Garzanti, and Athar Ali Kahn

Nd and Pb isotope variability in the Indus River system: Implications for sediment provenance and crustal heterogeneity in the western Himalaya.
Earth Planet.Sci.Lett., IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **10632**

Clift, Peter D.

A brief history of the Indus River. In: *Tectonic and Climatic Evolution of the Arabian Sea Region*, Geological Society Special Publication, IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **10631**

Cowen, Edwin A., In Mei Sou, Philip L.-F. Liu, and Britt Raubenheimer.

PIV measurements within a laboratory generated swash zone.

J.Eng.Mech., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10633**

Dai, Minhan, James M. Kelley, and Ken O. Buesseler

Sources and migration of plutonium in groundwater at the Savannah River site.

Environ.Sci.Technol., IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10611**

Drenzek, Nicholas, Carly, H. Tarr, Timothy I. Eglinton, Linnea J. Heraty, Neil C. Sturchio, Vernon J. Shiner, and Christopher M. Reddy

Stable chlorine and carbon isotopic compositions of selected semi-volatile organochlorine compounds. *Org.Geochem.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10612**

Fratantoni, P. S. and R. S. Pickart

Variability of the shelfbreak jet in the middle Atlantic bight: internally or externally forced? *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10650**

Georgen, Jennifer E. and Jian Lin

Three-dimensional passive flow and temperature structure beneath oceanic ridge-ridge-ridge triple junctions. *Earth Planet.Sci.Lett.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10635**

Hart, Constance A., Ian C. T. Nisbet, Sean W. Kennedy, and Mark E. Hahn,

Gonadal feminization and halogenated environmental contaminants in common terns (*Sterna hirundo*): Evidence that ovotestes in male embryos do not persist to the pre fledgling stage. *Ecotoxicology*, IN PRESS.

Department of WHOI Author: BIO.

Contribution Number: **10656**

Hoagland, P., D. M. Anderson, Y. Kaoru, and A. W. White,

The economic effects of harmful algal blooms in the United States: estimates and accounting issues. *Estuaries*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10637**

Humphris, Susan E., Daniel J. Fornari, Daniel S. Scheirer, Christopher R. German, and Lindsay M. Parson

Geotectonic setting of hydrothermal activity on the summit of Lucky Strike Seamount (37°17'N, Mid-Atlantic Ridge).

Geochem.Geophys.Geosyst., IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **10629**

Lynch, James, Andrew Fredricks, John Colosi, Glen Gawarkiewicz, Arthur Newhall, and Ching-sang Chiu

An overview of acoustic fluctuation results from the summer 1996 New England shelfbreak PRIMER experiment.

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Department of WHOI Author: AOPE.

Contribution Number: **10634**

McGillicuddy, D.J., R. P. Signell, C. A. Stock, B.A. Keafer, M.D. Keller, R.D. Hetland, D.M. Anderson

Shoreward transport of harmful algal blooms in the coastal Gulf of Maine. *Nature*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10652**

Morford, Jennifer, Linda Kalnejais, William Martin, Roger Francois, and Ida-Maja Karle

Sampling marine pore waters for Mn, Fe, U, Re and Mo: Modifications on DET (Diffusional Equilibration Thin film) gel probes.

J.Exp.Mar.Biol.Ecol., IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10647**

Pedlosky, Joseph

A theory of equatorial deep jets. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **10639**

Reddy, Christopher M., Timothy I. Eglinton, Jan P. Boon, and D. John Faulkner,

Radiocarbon content of synthetic and natural semi-volatile halogenated organic compounds. *Environ.Pollu.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10626**

Rozdilsky, Ian D., Lewi Stone, and Andrew Solow

The effects of interaction compartments on stability for competitive systems. *Am.Nat.*,
IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10645**

Saito, Mak A. and James W. Moffett

Temporal and spatial variability of cobalt in the Atlantic Ocean.

Geochim.Cosmochim.Acta, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10623B**

Solow, Andrew R. and David L. Roberts

A nonparametric test for extinction based on a sighting record.

Ecology, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **10648**

Stojanovic, Gordana, Radosav Palic, Carly H. Tarr, Christopher M. Reddy, and Olivera Marinkovic

n-Alkanes and fatty acids of *Hypericum perforatum*, *Hypericum maculatum* and *Hypericum olympicum*. *Biochem.Syst.Ecol.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10627**

Swift, Stephen A. and Amy S. Bower

Formation and circulation of dense water in the Persian/Arabian Gulf. *J.Geophys.Res.*,
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Department of WHOI Author: GEOL. PO.

Contribution Number: **10625**

Webster, Sarah

Deep water archaeological excavation. *Archaeol.Odyssey*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **10641**

Zafiriou, Oliver, Steve A. Andrews, and Wei Wang

Concordant estimates of oceanic carbon monoxide source and sink processes in the Pacific yield a balanced global ‘blue water’ CO budget. *Global Biogeochem.Cycles*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **10601**

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