



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles Received in April 1998

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**Edson, J. B., J. E. Hare, and C. W. Fairall.**

Direct covariance flux estimates from mobile platforms at sea.

*J.Atmos.Ocean.Technol.*, 15:547-562, 1998.

Contracts: ONR N00014-92-J-1585.

Department of WHOI Author: AOPE.

Contribution Number: **9126**

**Giese, Graham S.**

Potential impacts of sea-level rise in Massachusetts. *New England Regional Climate Change Impacts Workshop Summary Report, September 3-5, 1997.*

Institute for the Study of Earth, Oceans, and Space, University of New Hampshire, Durham, New Hampshire, :114-116, 1997.

Contracts: NOAA Grant NA90-AA-D-SG480.

Department of WHOI Author: GEOL.

Contribution Number: **NONE**

**Goyet, C., R. Healy, S.J. McCue, and D.M. Glover.**

Interpolation of TCO<sub>2</sub> on a 1°x1° grid throughout the water column below 500 m depth in the Atlantic Ocean. *Deep-Sea Res.I*, 44(12):1945-1955, 1997.

Contracts: NASA NAG-232431.

Department of WHOI Author: MCG.

Contribution Number: **9494**

**Herold, David, Matthew Grund, Mark Johnson, and Ketih von der Heydt.**

An intergrated acoustic remote sensing and communications system for tidal front mapping. *Oceans '97*, 2:736-742, 1997.

Contracts: ONR N00014-95-1-0496.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

**Karner, Garry D., Neal W. Driscoll, John P. McGinnis, William D. Brumbaugh, and Nick R. Cameron.**

Tectonic significance of syn-rift sediment packages across the Gabon-Cabinda continental margin. *Mar.Petrol.Geol.*, 14(7)part 8:973-1000, 1997.

Contracts: ONR N00014-96-1-0026, ONR N00014-94-1-0089.

Department of WHOI Author: GEOL.

Contribution Number: **9500**

**Neubert, Michael G.**

A simple population model with qualitatively uncertain dynamics.

*J.Theoret.Biol.*, 189:399-411, 1997.

Contracts: ONR N00014-92-J-1527.

Department of WHOI Author: BIO.

Contribution Number: **9504**

**Oppo, Delia W., Jerry F. McManus, and James L. Cullen.**

Abrupt climate events 500,000-340,000 years ago: Evidence from subpolar North Atlantic sediments. *Science*, 279:1335-1338, 1998.

Contracts: OCE96-32372.

Department of WHOI Author: GEOL.

Contribution Number: **9611**

**Pedlosky, Joseph, Lawrence J. Pratt, Michael A. Spall, and Karl R. Helfrich.**

Circulation around islands and ridges. *J.Mar.Res.*, 55:1199-1251, 1997.

Contracts: NSF OCE-9215342.

Department of WHOI Author: PO.

Contribution Number: **9429**

**Purdy, G. M., J.-C. Sempere, Hans Schouten, D. L. DuBois, and R. Goldsmith.**

Bathymetry of the Mid-Atlantic Ridge, 24°-31°N: A map series.

*Mar.Geophys.Res.*, 12:247-252, 1990.

Contracts: NSF OCE87-09615.

Department of WHOI Author: GEOL.

Contribution Number: **7420**

**Sholkovitz, E., G. Allsup, R. Arthur, and D. Hosom.**

Aerosol sampling from ocean buoys shows promise. *EOS*, 79(3):29, 37, 1998.

Contracts: NSF OCE94-23212.

Department of WHOI Author: MCG., PO.

Contribution Number: **NONE**

**Stramska, M. and D. Frye.**

Dependence of apparent optical properties on solar altitude: Experimental results based on mooring data collected in the Sargasso Sea.

*J.Geophys.Res.*, 102(C7):15679-15691, 1997.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

**Tivey, Maurice A., H. Paul Johnson, Albert Bradley, and Dana Yoerger.**

Thickness of a submarine lava flow determined from near-bottom magnetic field mapping by autonomous underwater vehicle.

*Geophys.Res.Let.*, 25(6):805-808, 1998.

Contracts: NSF OCE95-05514, NSF OCE88-20227, NSF OCE92-16775.

Department of WHOI Author: GEOL., AOPE

Contribution Number: **NONE**

**Williams, Albert J., III.**

Historical overview: Current measurement technologies.

*Sea Technol.*, 38(6):63-69, 1997.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

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Compiled by: Maureen Carragher  
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library@whoi.edu  
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