



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles Received in October 2002

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**Alley, R. B., P. U. Clark, L. D. Keigwin, and R. S. Webb**

Making sense of millennial-scale climate change. In: *Mechanisms of Global Climate Change at Millennial Time Scales. Geophysical Monograph 112*. Peter U. Clark, Robert S. Webb, and Lloyd D. Keigwin, eds. American Geophysical Union, Washington D. C., :385-394, 1999.

Department of WHOI Author: GEOL.

**Andrews, J. T., L. Keigwin, and A. E. Jennings**

Abrupt deglaciation events and Holocene palaeoceanography from high-resolution cores, Cartwright Saddle, Labrador Shelf, Canada. *J.Quat.Sci.*, 14(5):383-397, 1999.

Department of WHOI Author: GEOL.

**Becker, Kyle M. and George V. Frisk**

Wavenumber extraction techniques for a three-dimensionally varying shallow water waveguide: a comparison. In: *16th International Congress on Acoustics and 135th Meeting Acoustical Society of America, The Sound of the Future: A Global View of Acoustics in the 21st Century, Seattle, Washington, 20-26 June 1998*. Patricia K. Kuhl and Lawrence A. Crum (eds.), 4:2433-2434, 1998.

Department of WHOI Author: AOPE.

**Belkin, Igor M., R. Krishfield, and S. Honjo**

Decadal variability of the North Pacific polar front: Subsurface warming versus surface cooling. *Geophys.Res.Lett.*, 29(9):65-1-65-4, 2002.

Department of WHOI Author: GEOL.

**Bower, Amy S. and Heather D. Hunt**

Kinematics and dynamics of the Deep Western Boundary Current where it crosses under the Gulf Stream. *International WOCE Newsletter*, 34:3-5, 1999.

Department of WHOI Author: PO.

**Cenedese, Claudia**

Laboratory experiments on mesoscale vortices colliding with a seamount.

*J.Geophys.Res.*, 107(C6):1-14, 2002.

Department of WHOI Author: PO.

**Chang, G. C., T. D. Dickey, and A. J. Williams**

Sediment resuspension over a continental shelf during Hurricanes Edouard and Hortense. *J.Geophys.Res.*, 106(C5):9517-9531, 2001.

Department of WHOI Author: AOPE.

**Dickey, T. D. and A. J. Williams**

Interdisciplinary ocean process studies on the New England Shelf. *J.Geophys.Res.*, 106(C5):9427-9434, 2001.

Department of WHOI Author: AOPE.

**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.*, 29(9):16-1-16-4, 2002.

Department of WHOI Author: GEOL. AOPE.

Contribution Number: **10535**

**Frisk, George V., Dan Li, and Dajun Tang**

Bottom volume scattering: modeling and data analysis. In: *16th International Congress on Acoustics and 135th Meeting Acoustical Society of America, The Sound of the Future: A Global View of Acoustics in the 21st Century, Seattle, Washington, 20-26 June 1998*. Patricia K. Kuhl and Lawrence A. Crum (eds.), 4:2699-2700, 1998.

Department of WHOI Author: AOPE.

**Frisk, George V., Kyle M. Becker, Laurence N. Connor, James A. Douth, and Cynthia J. Sellers**

High-resolution, three-dimensional measurements of low-frequency sound propagation in shallow water. In: *16th International Congress on Acoustics and 135th Meeting Acoustical Society of America, The Sound of the Future: A Global View of Acoustics in the 21st Century, Seattle, Washington, 20-26 June 1998*. Patricia K. Kuhl and Lawrence A. Crum (eds.), 4:2423-2424, 1998.

Department of WHOI Author: AOPE.

**Gawarkiewicz, Glen, Thomas Weingartner, and David C. Chapman**

Sea-ice processes and water mass modification and transport over arctic shelves. In: *The Sea*. K. H. Brink and Allan R. Robinson, eds., John Wiley & Sons, Inc., NY, 10:171-190, 1998.

Department of WHOI Author: PO.

Contribution Number: **9136**

**Hill, Paul S., George Voulgaris, and John H Trowbridge**

Controls on flocculation size in a continental shelf bottom boundary layer. *J.Geophys.Res.*, 106(C5):9543-9549, 2001.

Department of WHOI Author: AOPE.

**Karner, Garry D. and Neal W. Driscoll**

Tectonic and stratigraphic development of the West African and eastern Brazilian margins; insights from quantitative basin modelling. In: *The Oil and Gas Habitats of the South Atlantic*. Nick R. Cameron, Raymond H. Bate, and Val S. Clure, eds.

Geological Society Special Publication 153, :11-40, 1999.

Department of WHOI Author: GEOL.

Contribution Number: **9748**

**LaCasce, J. and J. Pedlosky**

Baroclinic Rossby waves in irregular basins. *J.Phys.Oceanogr.*, 32:2828-2847, 2002.

Department of WHOI Author: PO.

Contribution Number: **10568**

**Olson, R. J., H. M. Sosik, and A. M. Chekalyuk**

Photosynthetic characteristics of marine phytoplankton from pump-during-probe fluorometry of individual cells at sea. *Cytometry*, 37(1):1-13, 1999.

Department of WHOI Author: BIO.

Contribution Number: **9926**

**Raubenheimer, B., Steve Elgar, and R. T. Guza**

Estimating wave heights from pressure measured in a sand bed. *J.Waterw.Port Coast.Ocean Eng.*, 124:151-154, 1998.

Department of WHOI Author: AOPE.

**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.*, 120:163-168, 2002.

Department of WHOI Author: MCG.

Contribution Number: **10626**

**Richardson, P. L., A. S. Bower, and W. Zenk**

Summary of meddes tracked by floats. *International WOCE Newsletter*, 34:18-20, 1999.

Department of WHOI Author: PO.

**Richardson, P. L. and D. M. Fratantoni**

Atlantic deep equatorial jets and the Equatorial CFC plume. *International WOCE Newsletter*, 34:5-6, 1999.

Department of WHOI Author: PO.

**Sims, K. W. W., S. J. Goldstein, J. Blichert-Toft, M. R. Perfit, P. Kelemen, D. J. Fornari, P. Michael, M. T. Murrell, S. R. Hart, D. J. DePaolo, L. Blaa M. Jull, and J. Bender**

Chemical and isotopic constraints on the generation and transport of magma beneath the East Pacific Rise. *Geochim.Cosmochim.Acta*, 66(19): 3481-3504, 2002.

Department of WHOI Author: GEOL.

**Souza, A. J. and J. Pineda**

Tidal mixing modulation of sea-surface temperature and diatom abundance in Southern California. *Cont.Shelf Res.*, 21:651-666, 2001.

Department of WHOI Author: BIO.

Contribution Number: **9872**

**Stanton, Timothy K., Dezhang Chu, and Peter H. Wiebe**

Acoustic scattering models of zooplankton from several major anatomical groups: theory and experiement. In: *16th International Congress on Acoustics and 135th Meeting Acoustical Society of America, The Sound of the Future: A Global View of Acoustics in the 21st Century, Seattle, Washington, 20-26 June 1998*. Patricia K. Kuhl and Lawrence A. Crum (eds.), 3:1811-1812, 1998.

Department of WHOI Author: AOPE. BIO.

Contribution Number: **9665**

**Walter, H.-J., M. M. Rutgers van der Loeff, and R. Francois**

Reliability of the  $^{231}\text{Pa}/^{230}\text{Th}$  activity ratio as a tracer for bioproductivity of the ocean. In: *Proxies in Paleoceanography*. Gerhard Fischer, Gerold Wefer, eds. Springer, Berlin, :393-408, 1999.

Department of WHOI Author: MCG.

**Warren, Joseph D., Timothy K. Stanton, Duncan E. McGehee, and Robert L. Eastwood**

Pulse compression processing of zooplankton echoes. In: *16th International Congress on Acoustics and 135th Meeting Acoustical Society of America, The Sound of the Future: A Global View of Acoustics in the 21st Century, Seattle, Washington, 20-26 June 1998*. Patricia K. Kuhl and Lawrence A. Crum (eds.), 4:2787-2788, 1998.

Department of WHOI Author: AOPE.

Contribution Number: **NONE**

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