



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles in Preparation – June 2005

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**Berloff, P., W. Dewar, S. Kravtsov, J. McWilliams, and M. Ghil**

Ocean eddy dynamics in a coupled ocean-atmosphere model. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11387**

**Bond, Zoe A., Anne L. Cohen, Struan R. Smith, and William J. Jenkins**

Growth and composition of high-MG calcite in the skeleton of a Bermudian gorgonian (*Plexaurelle dichotoma*): a potential for paleothermometry. *Geochem.Geophys.Geosyst.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11396**

**Curry, Ruth, and Cecilie Mauritzen**

Dilution of the northern North Atlantic Ocean in recent decades. *Science*, IN PRESS.

Department of WHOI Author: PO.

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

Quality control of acoustic Doppler velocimeter data in the surface. *Meas.Sci.Technol.*, IN PRESS.

Department of WHOI Author: AOPE.

**Eustice, R., H. Singh, J. Leonard, M. Walter, and R. Ballard**

Visually navigating the RMS Titanic with SLAM information filters. In: *Proceedings of Robotics: Science and Systems, June 8-11, 2005, Cambridge, MA*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11391**

**Eustice, Ryan, Matthew Walter, and John Leonard**

Sparse extended information filters: insights into sparsification. In: *Proceedings of the 2005 IEEE/RSJ International Conference on Intelligent Robots and Systems, August 2-6, 2005, Edmonton, Alberta, Canada*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11381**

**Fung, Inez, Scott C. Doney, Keith Lindsey, and Jasmin John**

Evolution of carbon sinks in a changing climate. *Proc.Natl.Acad.Sci.U.S.A.*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **11389**

**Jin, Di, Hauke Kite-Powell, and Porter Hoagland**

Risk assessment in open-ocean aquaculture: a firm-level investment-production model. *Aquac.Econ.Manag.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **11394**

**Manning, J. P., and J. H. Churchill**

Estimates of dispersion from clustered drifter deployments on the southern flank of Georges Bank. *Deep-Sea Res.II*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11380**

**Oppo, Delia W., and Youbin Sun**

Amplitude and timing of sea-surface temperature change in the northern South China Sea: dynamic link to the East Asian monsoon. *Geology*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11386**

**Pratt, L. J., and K. R. Helfrich**

Generalized conditions for hydraulic criticality of oceanic overflows. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: PO.

**Richardson, P. L.**

A new pathway from the Indian Ocean into the Atlantic. *Science*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11388**

**Sun, Youbin, Delia W. Oppo, Rong Xiang, Weiguo Liu, and Shu Gao**

The last deglaciation in the Okinawa Trough: subtropical northwest Pacific link to northern hemisphere and tropical climate. *Paleoceanography*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11392**

**Wahlin, A. K., and C. Cenedese**

How entraining density currents influence the ocean stratification. *Deep-Sea Res. II*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11390**

**Williams, A. J., III, A. T. Morrison, III, and M. Lorang**

Waves and seiches in Flathead Lake, Montana: measurements of a quiet lake by acoustic travel-time current measurements. *Oceans '05*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11384**

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July 5, 2005