



WHOI Contributions to the Scientific Literature Monthly Activity Report

Articles in Preparation – August 2004

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Chapman, David, Dong-Shan Ko, and Ruth Preller

A high resolution modeling study of the subtidal circulation in the northern South China Sea.
IEEE J.Oceanic Eng., IN PRESS.
Department of WHOI Author: PO.
Contribution Number: **11214**

Cowie, Patience, John Underhill, Mark Behn, Jian Lin, and Caroline Gill

Spatio-temporal evolution of strain accumulation derived from multi-scale observations of Late Jurassic rifting in the northern North Sea: A critical test of models for lithospheric extension.
Earth Planet.Sci.Lett., IN PRESS.
Department of WHOI Author: GEOL.
Contribution Number: **11207**

Doney, S. C., K. Lindsay, K. Caldeira, J.-M. Campin, H. Drange, J.-C. Dutay, M. Follows, Y. Gao, A. Gnanadesikan, N. Gruber, A. Ishida, F Joos, F. Madec, E. Maier-Reimer, J. C. Marshall, R. J. Matear, P. Monfray, A. Mouchet, R. Najjar, et al

Evaluating global ocean carbon models: The importance of realistic physics.
Glob.Biogeochem.Cycles, IN PRESS.
Department of WHOI Author: MCG.
Contribution Number: **11186**

Farrington, John W.

The biogeochemistry of organic chemicals of environmental concern in the coastal ocean. In: *The Sea, vol. 13*. Kenneth H. Brink and Alan R. Robinson, eds. Cambridge, MA: Harvard University Press, IN PRESS.
Department of WHOI Author: ADMIN.
Contribution Number: **11206**

Giosan, Liviu, Jeffrey P. Donnelly, Emil Vespremeanu, Janok Bhattacharya, Cornel Olariu, and Frank Buonaiuto

River delta morphodynamics: Examples from Danube delta. *SEPM Special Publication*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11216**

Grosenbaugh, Mark, Walter Paul, Dan Frye, and Norman Farr

Development of synthetic fiber reinforced electro-optical-mechanical cables for use with moored-buoy observatories. *IEEE J.Oceanic Eng.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11201**

Huang, Rui Xin

Available potential energy in the world oceans. *J.Mar.Res.*, IN PRESS.

Department of WHOI Author: PO.

Contribution Number: **11209**

Jech, J. M., K. G. Foote, D. Chu, and L. C. Hufnagle, Jr.

Comparing two 38-kHz scientific echo sounders. *ICES J.Mar.Sci.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11220**

Kaplan, Ilene M., and Vishwanie Maharaj

The social dimension of management plans. *Conserv.Biol.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **11215**

Lima, Ivan D., and Scott C. Doney

A three-dimensional, multi-nutrient and size-structured ecosystem model for the North Atlantic. *Glob.Biogeochem.Cycles*, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **11204**

MacDonald, Daniel G., and W. Rockwell Geyer

Hydraulic control of a highly stratified estuarine front. *J.Phys.Oceanogr.*, IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11217**

Marchal, Olivier

Optimal estimation of atmospheric ^{14}C production over the holocene: Paleoclimate implications. *Clim.Dyn.*, IN PRESS.

Department of WHOI Author: GEOL.

Contribution Number: **11221**

McGillis, Wade

Introduction to special section: Air-sea exchange. *J.Geophys.Res.*, IN PRESS.

Department of WHOI Author: AOPE.

Moore, J. Keith, Scott Doney, and Keith Lindsay

Upper ocean ecosystem dynamics and iron cycling in a global 3D model.

Glob.Biogeochem.Cycles, IN PRESS.

Department of WHOI Author: MCG.

Contribution Number: **11210**

Morozov, Andrey K., and John A. Colosi

Entropy and scintillation analysis of acoustical beam propagation through ocean internal waves.

J.Acoust.Soc.Am., IN PRESS.

Department of WHOI Author: AOPE.

Contribution Number: **11208**

Smith, Deborah K., Robert P. Dziak, Haru Matsumoto, Christopher G. Fox, and Maya Tolstoy

New hydrophone array monitors seismic activity at the northern Mid-Atlantic Ridge. *Eos*, IN PRESS.

Department of WHOI Author: GEOL.

Talley, Wayne K., Di Jin, and Hauke Kite-Powell

Determinants of vessel-accident injured, deceased and missing crew. *Marit.Policy Manage.*, IN PRESS.

Department of WHOI Author: MPC.

Contribution Number: **11212**

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