



## WHOI Contributions to the Scientific Literature Monthly Activity Report

### Articles Received in January 2004

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**Andersen, P., H. Enevoldsen, and D. M. Anderson**

Harmful algal monitoring programme and action plan design. In: *Manual on Harmful Marine Microalgae*. M. Hallegraeff, D.M. Anderson and A.D. Cembella, eds. Paris: UNESCO, :627-647, 2003.

Department of WHOI Author: BIO.

**Anderson, D. M., Y. Fukuyo, and K. Matsuoka**

Cyst methodologies. In: *Manual on Harmful Marine Microalgae*. M. Hallegraeff, D.M. Anderson and A.D. Cembella, eds. Paris: UNESCO, :165-193, 2003.

Department of WHOI Author: BIO.

**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.*, 108(C11),8007,doi:10.1029/2002JC001359, 2003.

Department of WHOI Author: PO.

Contribution Number: **10654**

[Link to online article](#)

**Beardsley, Robert C., Peter C. Smith, and Craig M. Lee**

Introduction to special section: U.S. GLOBEC: Physical processes on Georges Bank (GLOBEC). *J.Geophys.Res.*, 108(C11),8000,doi:10.1029/2003JC002165, 2003.

Department of WHOI Author: PO.

[Link to online article](#)

**Brink, K. H., R. Limeburner, and R. C. Beardsley**

Properties of flow and pressure over Georges Bank as observed with near-surface drifters. *J.Geophys.Res.*, 108(C11),8001,doi:10.1029/2001JC001019, 2003.

Department of WHOI Author: PO.

Contribution Number: **10548**

[Link to online article](#)

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

Slope water intrusions onto Georges Bank. *J.Geophys.Res.*, 108(C11),8012,doi:10.1029/2002JC001400, 2003.

Department of WHOI Author: PO.

Contribution Number: **10649**

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

Particle image velocimetry measurements within a laboratory-generated swash zone. *J.Eng.Mech.*, 129(10):1119-1129, 2003.

Department of WHOI Author: AOPE.

Contribution Number: **10633**

**Curry, Ruth, Bob Dickson, and Igor Yashayaev**

A change in the freshwater balance of the Atlantic Ocean over the past four decades. *Nature*, 426:826-829, 2003.

Department of WHOI Author: PO.

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**Ebuchi, Naoto, Hans C. Graber, and Michael J. Caruso**

Evaluation of wind vectors observed by QuikSCAT/SeaWinds using ocean buoy data. *J.Atmos.Ocean.Technol.*, 19:2049-2062, 2002.

Department of WHOI Author: PO.

[Link to online article](#)

**Francis, David T. I., and Kenneth G. Foote**

Depth-dependent target strengths of gadoids by the boundary-element method. *J.Acoust.Soc.Am.*, 114:3136-3146, 2003.

Department of WHOI Author: AOPE.

Contribution Number: **10839**

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**Garcia, Xavier, David Boerner, and Laust B. Pedersen**

Electric and magnetic galvanic distortion decomposition of tensor CSAMT data. Application to data from the Buchans Mine (Newfoundland, Canada). *Geophys.J.Int.*, 154:957-969, 2003.

Department of WHOI Author: AOPE.

Contribution Number: **10773**

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**Hughen, K., S. Lehman, J. Southon, J. Overpeck, O. Marchal, C. Herring, and J. Turnbull**

<sup>14</sup>C activity and global carbon cycle changes over the past 50,000 years. *Science*, 303:202-207, 2004.

Department of WHOI Author: MCG. GEOL.

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**Ivanov, Dmitry L., and Amelie H. Scheltema**

*Dacryomica plana*, gen. et sp. nov., a prochaetodermatid aplacophora from a Pacific seamount. *Veliger*, 47:1-5, 2004.

Department of WHOI Author: BIO.

Contribution Number: **10949**

**Kraska, James**

Sustainable development is security: The role of transboundary river agreements as a confidence building measure (CBM) in South Asia. *Yale J.Int.Law*, 28:465-503, 2003.

Department of WHOI Author: MPC.

Contribution Number: **10784**

**Lentz, Steven J., Robert C. Beardsley, James D. Irish, James Manning, Peter C. Smith, and Robert A. Weller**

Temperature and salt balances on Georges Bank February - August 1995. *J.Geophys.Res.*, 108(C11),8006,doi:10.1029/2001JC001220, 2003.

Department of WHOI Author: PO. AOPE.

Contribution Number: **10561**

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**McArthur, Andrew G., Tove Hegelund, Rachel L. Cox, John J. Stegeman, Mette Liljenberg, Urban Olsson, Per Sundberg, and Malin C. Celander**

Phylogenetic analysis of the cytochrome P450 3 (CYPS) gene family. *J.Mol.Evol.*, 57:200-211, 2003.

Department of WHOI Author: BIO.

**McKenna, S. P., and W. R. McGillis**

The role of free-surface turbulence and surfactants in air-water gas transfer. *Int.J.Heat Mass Transfer*, 47:539-553, 2004.

Department of WHOI Author: AOPE.

Contribution Number: **11003**

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**Mullineaux, Lauren S., Charles H. Peterson, Fiorenza Micheli, and Susan W. Mills**

Successional mechanism varies along a gradient in hydrothermal fluid flux at deep-sea vents. *Ecol.Monogr.*, 73:523-542, 2003.

Department of WHOI Author: BIO.

Contribution Number: **10943**

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**Pratt, Larry J., and Michael A. Spall**

A porous-medium theory for barotropic flow through ridges and archipelagos.

*J.Phys.Oceanogr.*, 33:2702-2718, 2003.

Department of WHOI Author: PO.

Contribution Number: **10854**

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**Reimer, Paula J., Konrad A. Hughen, Thomas P. Guilderson, Gerry McCormac, Mike G. L. Baillie, Edouard Bard, Phillip Barratt, J. Warren Beck, Caitlin E. Buck, Paul E. Damon, Michael Friedrich, Bernd Kromer, Christopher Bronk Ramsey, Ron W. Reimer, Sabine Remmele, John R. Southon, Minze Stuiver, and Johannes van der Plicht**

Preliminary report of the first workshop of the IntCal04 radiocarbon calibration/comparison working group. *Radiocarbon*, 44:653-661, 2002.

Department of WHOI Author: MCG.

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**Rocap, Gabrielle, Frank W. Larimer, Jane Lamerdin, Stephanie Malfatti, Patrick Chain, Nathan A. Ahlgren, Aandrae Arellano, Maureen Coleman, Loren Hauser, Wolfgang R. Hess, Zackary I. Johnson, Miriam Land, Debbie Lindell, Anton F. Post, Warren Regala, Manesh Shah, Stephanie L. Shaw, Claudia Steglich, Matthew B. Sullivan, et al.**

Genome divergence in two *Prochlorococcus* ecotypes reflects oceanic niche differentiation. *Nature*, 424:1042-1047, 2003.

Department of WHOI Author: BIO.

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**Spall, Michael A.**

Islands in zonal flow. *J.Phys.Oceanogr.*, 33:2689-2701, 2003.

Department of WHOI Author: PO.

Contribution Number: **10389**

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**Teraoka, Hiroki, Wu Dong, Yoshikazu Tsujimoto, Hiroyuki Iwasa, Daiji Endoh, Naoto Ueno, John J. Stegeman, Richard E. Peterson, and Takeo Hiraga**

Induction of cytochrome P450 1A is required for circulation failure and edema by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin in zebrafish. *Biochem.Biophys.Res.Commun.*, 304:223-228, 2002.

Department of WHOI Author: BIO.

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**Teske, Andreas, and Douglas C. Nelson**

The genera *Beggiatoa* and *Thioploca*. In: *The Prokaryotes: An Evolving Electronic Resource For the Microbiological Community*, 3<sup>rd</sup> edition. New York: Springer-Verlag, Release 3.16, 2004.

Department of WHOI Author: BIO.

Contribution Number: **10953**

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**Werner, Sandra R., Robert C. Beardsley, Steven J. Lentz, David L. Hebert, and Neil S. Oakey**

Observations and modeling of the tidal bottom boundary layer on the southern flank of Georges Bank. *J.Geophys.Res.*, 108(C11),8005,doi:10.1029/2001JC001271, 2003.

Department of WHOI Author: PO.

Contribution Number: **10586**

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**Werner, Sandra, Robert C. Beardsley, and Albert J. Williams, III**

Bottom friction and bed forms on the southern flank of Georges Bank. *J.Geophys.Res.*, 108(C11),8004,doi:10.1029/2000JC000692, 2003.

Department of WHOI Author: PO. AOPE.

Contribution Number: **10297**

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