

Last Wave

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Journal Reprints

Aroundry, L.O., and P.L.-F. Liu. 2009. Two-dimensional, two-phase granular sediment transport model with applications to scouring downstream of an apron. *Coastal Engineering* 56(7): 693-702. Pub ID# 3250.

Chan, I.-C., and P.L.-F. Liu. 2009. Responses of Bingham-plastic muddy seabed to a surface solitary wave. *Journal of Fluid Mechanics* 618: 155-180. Pub ID# 3249.

Colle, B.A., K. Rojowsky, and F. Buonaiuto. 2010. New York City storm surges: Climatology and an analysis of the wind and cyclone evolution. *Journal of Applied Meteorology and Climatology* 49: 85-100. Pub ID# 3272.

Giner, J.-L., H. Zhao, G.L. Boyer, M.F. Satchwell, and R.A. Andersen. 2009. Sterol chemotaxonomy of marine pelagophyte algae. *Chemistry & Biodiversity* 6(7): 1111-1130. Pub ID# 3253.

Goto, D., and W.G. Wallace. 2009. Biodiversity loss in benthic macroinfaunal communities and its consequence for organic mercury trophic availability to benthivorous predators in the lower Hudson River estuary, USA. *Marine Pollution Bulletin* 58: 1909-1915. Pub ID# 3276.

Goto, D., and W.G. Wallace. 2009. Influences of prey- and predator-dependent processes on cadmium and methylmercury trophic transfer to mummichogs (*Fundulus heteroclitus*). *Canadian Journal of Fisheries and Aquatic Sciences* 66(5): 836-846. Pub ID# 3251.

Goto, D., and W.G. Wallace. 2010. Metal intracellular partitioning as a detoxification mechanism for mummichogs (*Fundulus heteroclitus*) living in metal-polluted salt marshes. *Marine Environmental Research*. 69: 163-171. Pub ID# 3275.

Rinta-Kanto, J.M., M.A. Saxton, J.M. DeBruyn, J.L. Smith, C.H. Marvin, K.A. Krieger, G.S. Saylor, G.L. Boyer, and S.W. Wilhelm. 2009. The diversity and distribution of toxigenic *Microcystis* spp. in present day and archived pelagic and sediment samples from Lake Erie. *Harmful Algae* 8(3): 385-394. Pub ID# 3213.

Rudstam, L.G., S.L. Parker-Stetter, P.J. Sullivan, and D.M. Warner. 2009. Towards a standard operating procedure for fishery acoustic surveys in the Laurentian Great Lakes, North America. *ICES Journal of Marine Science* 66(6): 1391-1397. Pub ID# 3239.

Smith, J.L., and G.L. Boyer. 2009. Standardization of microcystin extraction from fish tissues: A novel internal standard as a surrogate for polar and non-polar variants. *Toxicon* 53(2): 238-245. Pub ID# 3212.

Fact Sheets

Fish Habitat 2009 Fact Sheet Series

A series of seven fact sheets produced by NYSG and SUNY College of Environmental Science and Forestry focuses on the preferred habitats, risks to and tips for improving habitats for three species of fish: Northern pike, muskellunge and walleye. Written by NYSG Fisheries Specialist David B. MacNeill and funded by U.S. Fish and Wildlife Service: Fish Enhancement, Mitigation and Research Fund. Other project partners include NYSDEC, NOAA, USGS, USDA, Natural Resources Conservation Service, Save the River and Thousand Islands Land Trust. Available online at <http://www.seagrant.sunysb.edu/glsportfish/article.asp?ArticleID=377> or contact David MacNeill (315) 312.3042 or dbm4@cornell.edu

Hudson River Resource for Teachers and Students

Project WET's *Discover the Hudson River*, a 16-page color booklet designed for teachers and students in the upper elementary grades (5-6 grades), uses lively text, games, maps and activities to provide information about the Hudson watershed, its variety of wildlife and the many ways people influence and are influenced by the Hudson River.

"We're offering teachers an add-on to their science curriculum that's educational but not too cumbersome for kids," says NYSG Hudson Estuary Specialist *Nordica Holochuck*, of the visually-driven *Discover*. "The puzzles and games included in the booklet are interesting and fun. It represents another approach to engage young people in environmental education."

For more information, go to www.nyseagrant.org/hriver and click on "Publications." Teachers can request a free copy of *Discover the Hudson River* from Holochuck for a limited time via E-mail, nch8@cornell.edu or phone, (845) 340.3983.

Produced in 2009 to commemorate the 400th anniversary of Henry Hudson's first exploration, the booklet is a joint venture of Project WET (Water Education for Teachers), the New York State Department of Environmental Conservation, New York Sea Grant, the New York-New Jersey Harbor Estuary Program, the National Oceanic and Atmospheric Administration and Central Hudson Gas and Electric Corporation.

