



To: Members, Friends and Leadership of MACOORA/MARCOOS
From: Judith T. Krauthamer, MACOORA Executive Director
Re: Mid-Atlantic Coastal Ocean Observing Updates

The Mid-Atlantic region is characterized by a great variety of industries, coastal communities, and aquatic ecosystems; however, there are a number of issues and threats common to the region. A Mid-Atlantic Regional Ocean Forum, facilitating new multi-stakeholder dialogue and regional collaboration regarding present and future ocean issues in this region, was held December 2008. The main objectives of the forum were to promote dialogue and exchange of information among state, federal, industry, academic, and nongovernmental participants about regional ocean issues; clarify issues and stakeholder perspectives regarding potential benefits from coordinated actions and regional approaches; assess the status of regional ocean research, mapping, and information systems and tools; and to share lessons learned from other regional initiatives and pilot projects and identify avenues for continued dialogue, future information sharing, and cooperation among Mid-Atlantic entities and stakeholders.



The forum was attended by 149 participants from a variety of governmental organizations, environmental groups, industry representatives, and academic institutions. Presentations and more information can be found at <http://www.ocean.udel.edu/cmp/marof/index.html>.



A new glider, named Scarlet Knight, will be launched this spring. "The capacity to fly through the ocean, across the Atlantic, taking data about temperature, salinity and other properties of the water gives us keen insight into what's happening down there," said Rutgers professor and MACOORA's Board member, Scott Glenn. He is leading the glider project.

"The launching [of the glider] is tremendously exciting because there is just so much that we don't really know about what happens in the oceans," said Jane Lubchenco, head of the National Oceanic

and Atmospheric Administration. "The ocean plays such a critical role in the dynamics of the climate system, having a better understanding of what's happening in real time is invaluable information," said Lubchenco. "We're beginning to be able to infer much about the kinds of plants and animals and microbes that may be present from some of the kinds of data that the glider will be taking," she added.

Glenn said the device will be able to take a daily profile of water conditions and maneuver, directed by radio messages from student researchers. "If we can do it with one, we can do it with 10," he said. Gliders can be sent into hurricanes and into Arctic and Antarctic conditions.



An Industry Workshop, entitled *Small Sea Changes: Big Business Impacts*, was held on Tuesday, April 14th, 2009. The workshop was co-sponsored by the IWGOO, the Interagency Working Group on Ocean Observations, and can be found at

<http://www.oceanleadership.org/iwgoo>. Several presentations are now online: [The Oceans and](#)

[Climate: A Global View](#), by Ralph Rayner and [IOOS: Delivering the Benefits](#), by Zdenka Willis .

Dear Mid-Atlantic Stakeholder,

MACOORA's track record keeps improving. Among our many accomplishments of this past year, we provided the data for real-time search and rescue operations in New York and New Jersey; developed model algorithms for satellite data; assembled a high frequency radar network to help in tide and current prediction; and conducted projects and operations that help save lives and livelihoods. As we enter our next fiscal and membership year (July 1, 2009 – June 30, 2010) your commitment to the ocean observing technologies that help our region becomes even more important. The federal government recently signed legislation acknowledging IOOS, and our contributions to the federal backbone are increasingly critical. Your input, guidance, support, and membership will insure that our Mid-Atlantic Region will continue to develop the products and services that our many diversified communities need.

Thank you in advance for your participation. Judith T. Krauthamer, Executive Director

Won't You Join???

Organizational Membership

Membership year: July 1, 2009-June 30, 2010

Amount: \$500

Please pay by credit card or electronic check at <http://www.udel.edu/macoora-dues>
Or Send check made payable to MACOORA. Mailing address: P.O. Box 6879, Ellicott City, MD 21042.

At your earliest convenience, please send the names and email addresses of [up to] ten people in your organization or group who would like to receive our newsletter, legislative alerts, and information about grants, scholarships, awards, and business news. Since each organization gets one vote, please be sure to designate yourself or another person as the key representative for voting matters. Please send to Judith.krauthamer@macoora.org.

We would also like to highlight your organization on our [coming soon, redesigned] website, so please send all organization links and press release information to:
Judith.krauthamer@macoora.org

Questions? Please call MACOORA at 410-461-5017.

MACOORA Organizational membership has its benefits. Consider signing up your organization with MACOORA and become involved with our new Users Council.