

## Sea Grant/NOAA Networking for Climate Change Extension

**N**ew York Sea Grant (NYSG) is an active participant in the National Sea Grant Network effort that is compiling scientific information on climate change impacts and developing climate change outreach strategies for communities in the Great Lakes and marine coastal states.

In 2009, with leadership provided by the National Sea Grant Climate Change specialist and the National Sea Grant office, NYSG co-organized and moderated workshop sessions in Charleston, South Carolina, with more than 90 Sea Grant specialists, communicators, program leaders and NOAA staff on communicating the impacts of climate change to communities, engaging stakeholder communities, and communicating potential impacts of climate change.

As a direct result of these workshop sessions, communities in Hawaii, Maryland, Alaska, South Carolina and Louisiana were assigned a Sea Grant specialists team to assess site specific information needs relating to potential climate change impacts in their communities. These efforts in 2010 are creating the baseline for a continuing project that will assist community leaders, planning agencies and coastal businesses with adaptive planning for climate change.

NYSG has also developed an extensive literature compilation that was disseminated to climate change specialists in the National Office and Sea Grant extension counterparts in the Northeast, Mid-Atlantic, Gulf Coast and Pacific Sea Grant Networks, including Alaska and Hawaii.



*This image of the Great Lakes covered in snow and ice in February is among the images created by MODIS - the Moderate Resolution Imaging Spectroradiometer - that assists climate change study.  
Photo: MODIS, <http://modis.gsfc.nasa.gov/gallery/>*

For New York state, the benefits of taking a proactive approach will develop resources for dealing with such issues as flooding, erosion and storm surge. New York Sea Grant has worked with Cornell University and NOAA's Northeast Regional Climate Center to develop the East Coast Winter Storms Climatological and Forecasting Web site at <http://nywinterstorm.org>.

***New York Sea Grant  
is currently the only Sea Grant program  
in the U.S. actively engaged in  
climate change outreach coordination  
in both Great Lakes and  
marine program environments.***

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This project meets the performance measures of Sea Grant's Hazard Resilience in Coastal Communities focus area. Sea Grant Extension administration is located at 112 Rice Hall, Cornell University, Ithaca, NY 14853.

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