Three things we’d like you to know about Michigan Sea Grant

1. Who We Are
The Great Lakes — Superior, Michigan, Huron, Erie and Ontario, and their connecting channels — form the largest surface fresh water system on earth. Michigan Sea Grant is at the heart of that system, with research, education and outreach efforts focused on four of the five Great Lakes. Our program is dedicated to the protection and sustainable use of the Great Lakes and coastal resources.

2. What We Do
Michigan Sea Grant connects people — everyone from students, residents and resource managers to policy makers, scientists and business owners — to the Great Lakes. Our programs promote better understanding, conservation and use of Michigan’s coastal resources. Michigan Sea Grant is integrally involved in issues that are imperative to the economic future of Michigan, such as access to harbors; supporting coastal communities, businesses (e.g., marinas) and industries; sustaining our multi-billion dollar fishing and boating industries; and fostering the application of environmental education about Great Lakes science, technology, engineering and math in Michigan’s K-12 classrooms.

3. How We Do It
Michigan Sea Grant leverages core funding with additional grants, contracts and partnerships. For example, Michigan Sea Grant leveraged $2 million (outside of National Sea Grant and university support) during the 2011-2012 fiscal year, and brought in an additional $2.4 million in funding through the Great Lakes Restoration Initiative since 2010.

AT A GLANCE
Highlights from the 2011-2012 fiscal year:
- Helped create or retain 113 businesses and 191 jobs.
- Worked with 50 coastal communities to adopt or implement practices to prepare for severe storms, flooding and other hazards.
- Encouraged 125 coastal communities to adopt sustainable development practices.
- Certified 40 marina facilities and 107 seafood safety professionals.
- Helped 562 resource managers use a comprehensive approach to manage Michigan’s coastal areas.
Restoring native fish spawning habitat in the St. Clair River Delta (Middle Channel), an Area of Concern

**Funding:** $1,040,758
($877,952 + $162,806 leveraged funds)

New underwater reefs were constructed in order to encourage native fish reproduction, like lake whitefish, walleye and lake sturgeon. Studies before and after the construction allow biologists to evaluate the impact of the work and improve future habitat restoration efforts. The project also includes outreach activities to inform the public about the importance of habitat restoration, protection and enhancement in the St. Clair River Area Of Concern.

**Green Marina Education and Outreach Project**

**Funding:** $678,183

The Green Marina Education and Outreach project is a strategic collaboration to reduce or eliminate non-point source pollution and toxic substances that may enter the Great Lakes through marina activities. This project will improve existing Clean Marina programs by developing consistent best practices for marinas in the Great Lakes region and creating uniform certification standards for marinas, boatyards and harbors. The project will also increase education efforts, hosting webinars and workshops to promote best management practices.

**OTHER MICHIGAN SEA GRANT-LED OR INVOLVED PROJECTS**

- A Comprehensive Regional Public Outreach Campaign on Aquatic Invasive Species $169,156
- Coordinated Lake-specific Onboard Education and Outreach Project $71,025
- Anchor Bay/St. Clair Flats Phragmites Control and Education $36,429
- Beach Information Communication System $26,149
- Laser Technology for Improving Beach Monitoring for Bacteria $37,930
- Bringing GL Science to the Classroom via Lake Guardian and other Dynamic Professional Development Experiences $55,000
- Increasing Citizen Involvement and Improving Great Lakes Literacy Through Training, Mentoring, Community-Building and Place-Based Stewardship $100,000
- Coordinated Onboard Education and Outreach $79,998
- Research, Education and Outreach Concerning Organisms in Trade $25,200
- Extending a Regional Public Outreach Campaign on Aquatic Invasive Species $53,999
- Outreach Support for the Asian Carp Regional Coordinating Committee $13,696

**CONTACTS**

**Ann Arbor**
University of Michigan
(734) 763-1437

**East Lansing**
Michigan State University
(517) 353-9568

**Northeast:**
(989) 984-1056

**Southeast:**
(313) 410-9431
(586) 469-7431

**Northwest:**
(231) 922-4628

**Southwest:**
(616) 846-8250

**Upper Peninsula:**
(906) 226-3687

**Great Lakes Regional:**
(734) 741-2287

Michigan Sea Grant helps to foster economic growth and protect Michigan’s coastal, Great Lakes resources through research, education and outreach.