

Wisconsin Sea Grant Program 2011 NSGO Review

Program Officer: Dorn Carlson



Program Management

Director – Anders Andren

AD Research – Jim Hurley

AD Admin/Info – Mary Lou Reeb

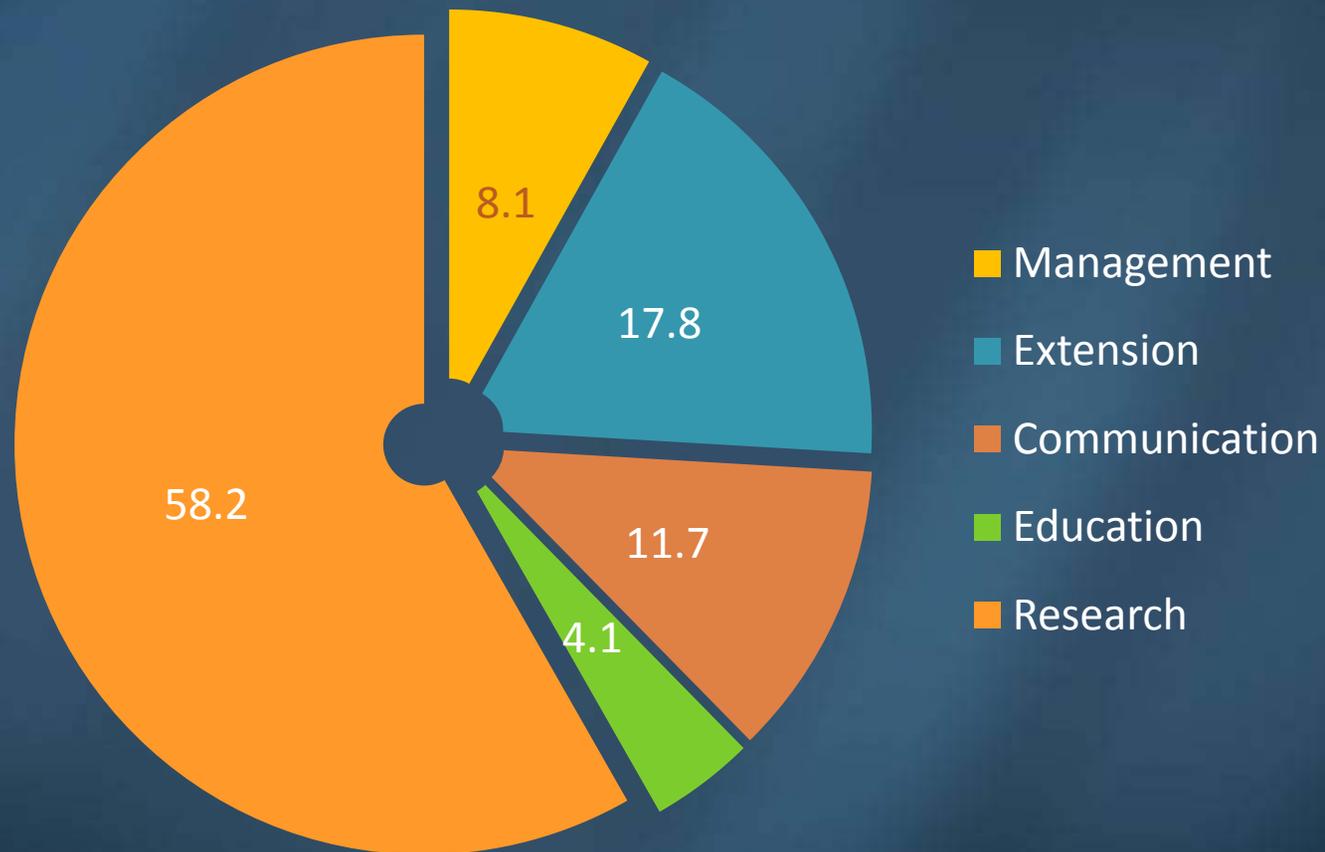
Comm. Manager – Moira Harrington

Advisory Services Manager – Phil Moy

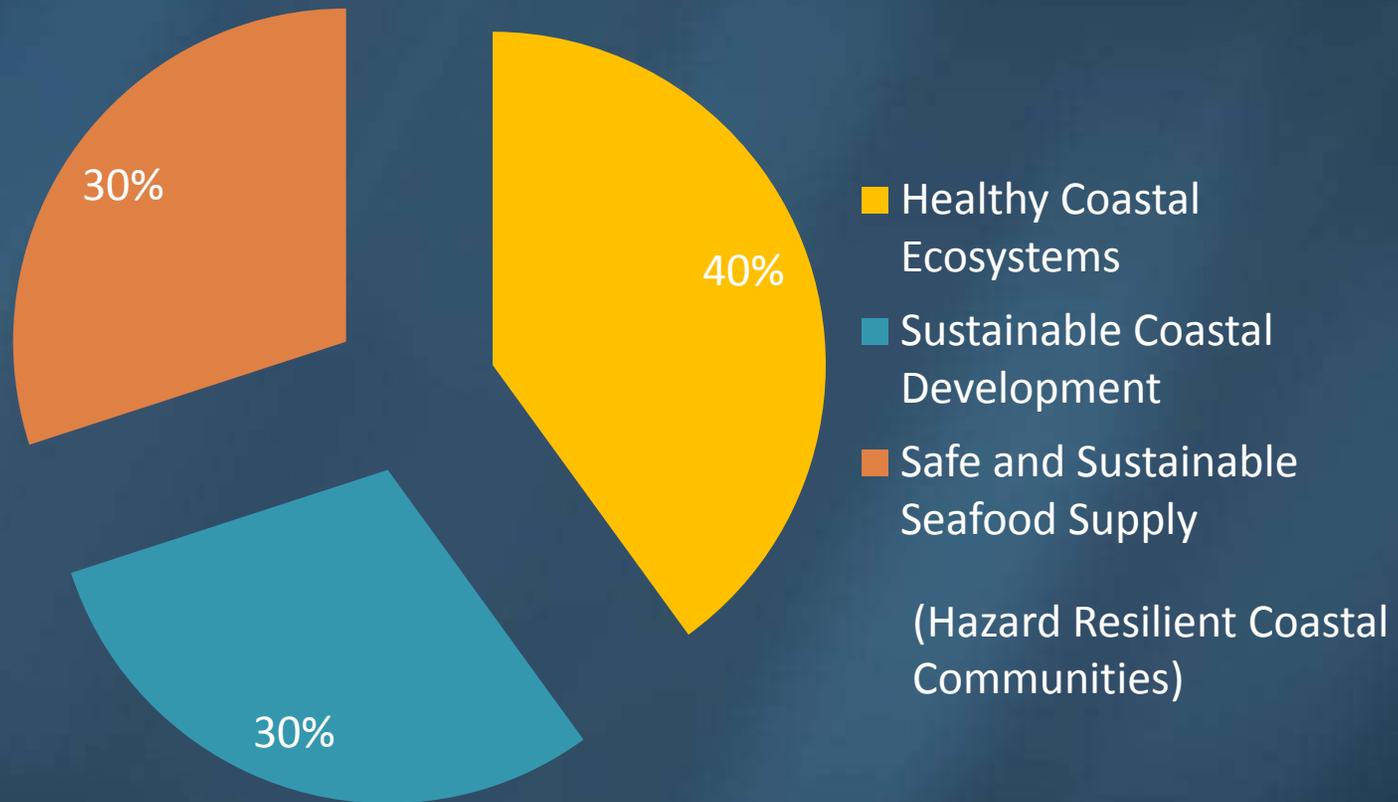
Functional Area	# of individuals	# of FTEs supported by SG	# of FTEs supported by match/leverage
Mgt/Admin	9	1	3
Comm.	11	3	4
Ext.	9	1	4
Education	8	1	0
Research	61	12	5

- Wisconsin is a “large” program

Program Budget towards each Functional Area



Program Budget towards each Focus Area



Significant Program Changes (since Jan. 2010)

- Kathleen Schmitt Kline hired as outreach specialist
- Aaron Conklin hired as Science Writer
- Songyan Jiang, Selene McHugh hired as Administrative Assistants

Program Requested Changes to 2010-2013 Program Plan

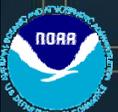
- Changes in response to award of a regional AIS NSI project and an aquaculture NSI project
- No other significant changes planned

State Program Performance Measures

- Economic (market and non-market) benefits derived from Sea Grant activities (\$10M)
- Number of coastal communities that have restored degraded ecosystems as a result of Sea Grant activities (13)

Contribution to National Performance Measures and Metrics

- Economic (market and non-market) benefits derived from Sea Grant activities
- Number of coastal communities that have restored degraded ecosystems as a result of Sea Grant activities
- Acres restored (1880)
- Leveraged funds (\$10M)
- SG supported undergraduate students (37)
- 3991 volunteer hours (10x reported previous year)
- 15506 K-12 students reached (up 2000 from prev year)
- In the past 42 years, SG-supported graduate students earned 399 master's degrees and 283 earned doctoral degrees.



Program Impacts

- Relying on Sea Grant technology and biology, Sweet Water Organics founders hired a workforce of 8 – that they expect to expand to 40 by the end of next year – and invested about \$500,000 in a yellow perch aquaculture business. The business had sold 3,000 yellow perch at more than \$16 a pound.
- WI SG leads efforts to restore Fox/Wolf River watershed (>500,000 acres) where industrial activities have had a profound negative impact, by assist local, tribal, state and federal agencies to engage the public and develop and implement of Lake-area Management Plans, Remedial Action Plans, and watershed management plans.
- Wisconsin Sea Grant undertook the scoping necessary to kick off a statewide Clean Marina Program and took the first step toward implementation, including workshops, guidebooks, and a training and certification program for marina owners/operators. 14 marinas have already signed a pledge to pursue certification.

2009 Research Accomplishments

- Bell Aquaculture has benefitted from WI SG yellow perch research on out-of-season breeding, more rapid growth of fingerlings and genetically superior brood stock. The company estimates a harvest of 14 million pounds annually within the next five years for a potential market value of more than \$23 million.
- A WI SG Researcher has developed a rapid testing method using DNA sequencing of sand and water samples allowing contaminant sources to be accurately pinpointed and addressed. The method allowed an underused Milwaukee beach to become viable again for beachgoers. It was cleaned up with \$1.5 million in combined public-private money that funded work such as installation of stormwater outflow infrastructure along the beach, rain gardens and the use of trained border collies that chase off sea gulls, whose waste is a significant source of contamination.
- Additionally, another researcher has developed “Cladophora and Lake Michigan Beaches: Community Options for Management.” More than 100 beach managers and public health officials in eight Wisconsin counties have adopted the practices to prevent closings of state beaches.