

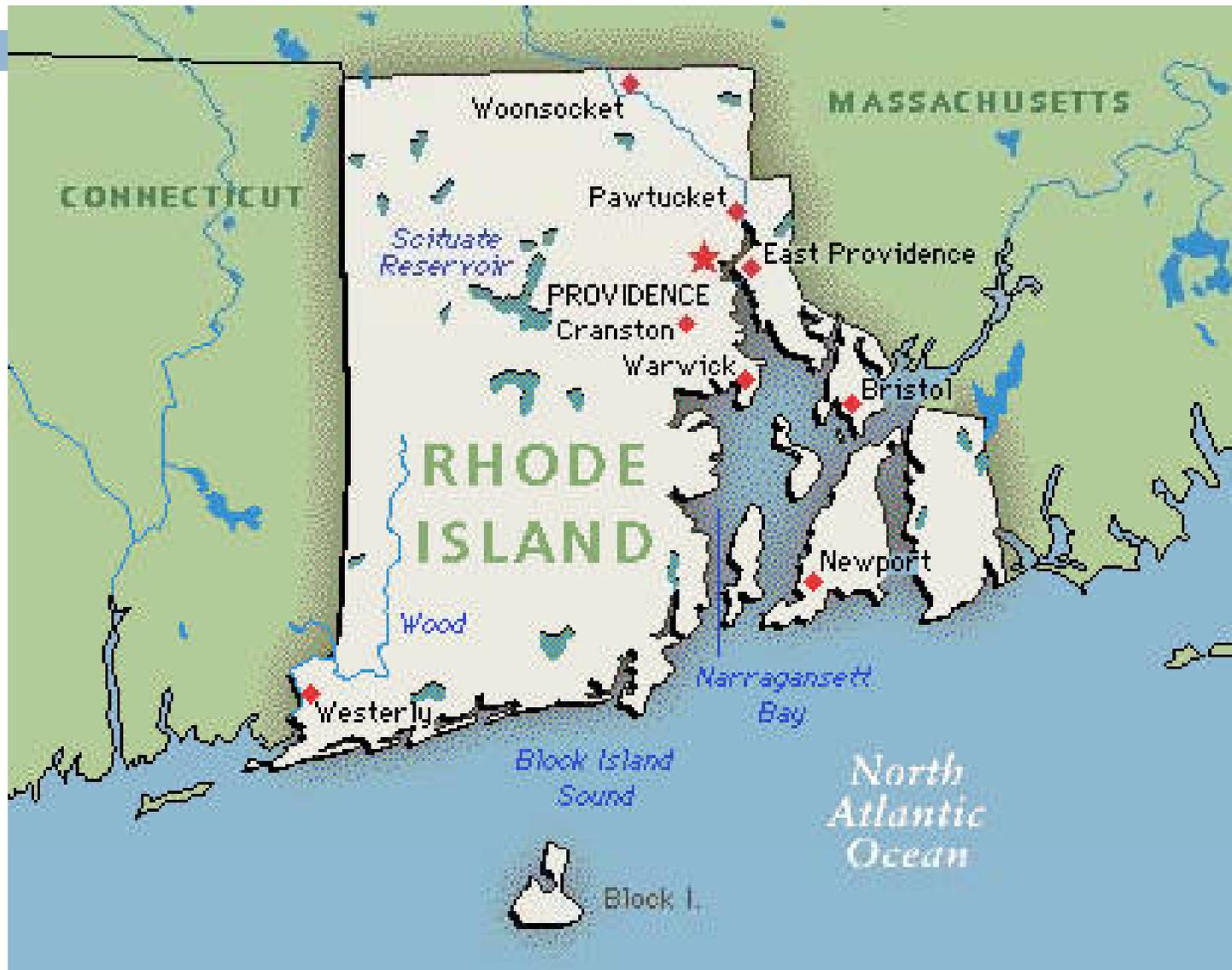
RHODE ISLAND
SEA GRANT PROGRAM
2010 NSGO REVIEW

Sami Grimes – Program Officer

Rhode Island

2

RISG



Program Management

3

RISG

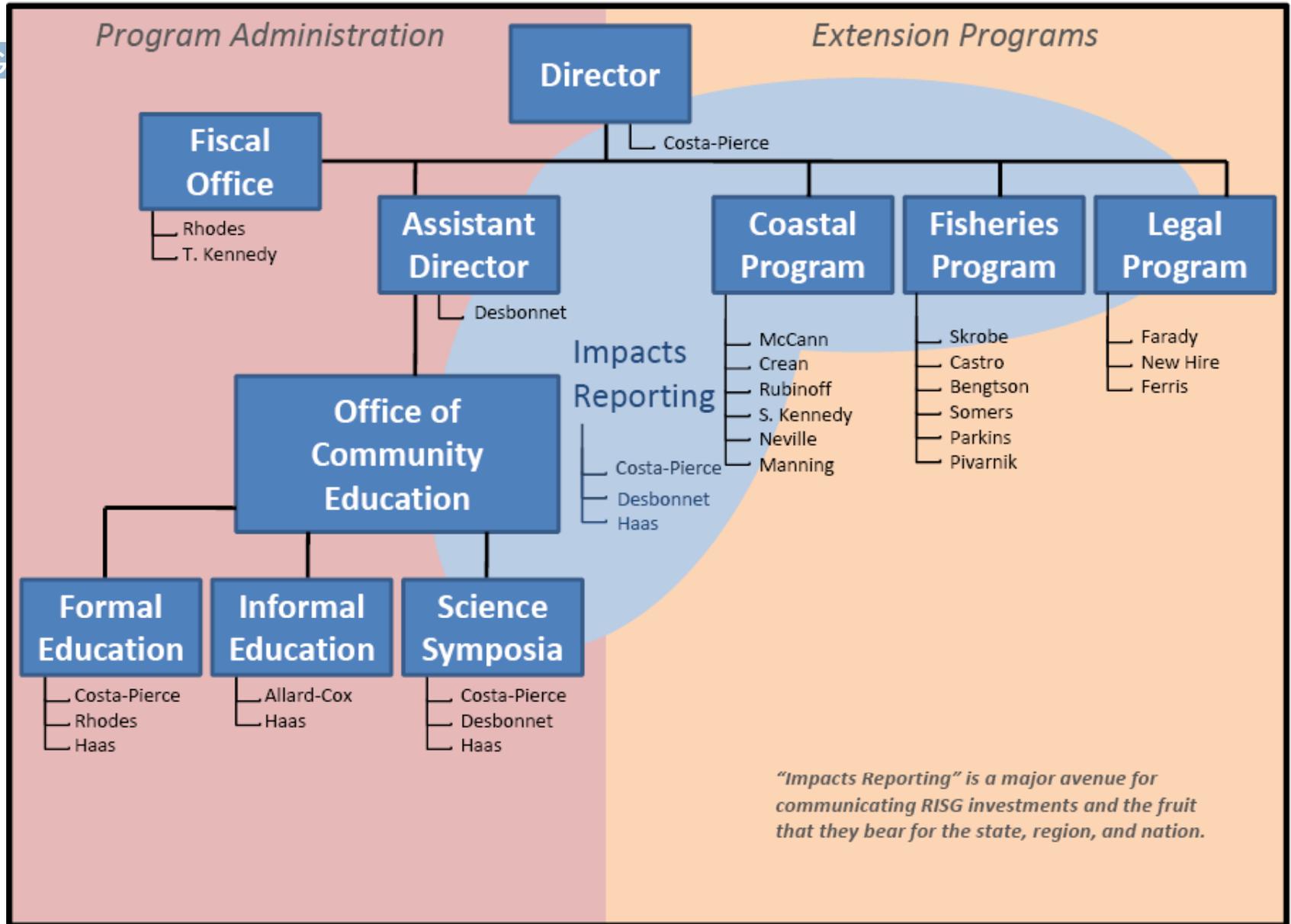
- ▣ Director, Barry Costa-Pierce (1.0 FTE)
- ▣ Assistant Director, Alan Desbonnet (1.0 FTE)
- ▣ Educator, Meredith Haas (1.0 FTE)
- ▣ Communicator, Monica Allard-Cox (1.0 FTE)
- ▣ Fiscal Officer, Heather Rhodes (1.0 FTE)
- ▣ Administrative Assistant, Tracy Kennedy (1.0 FTE)

Leadership Team balances skills in themes (Costa-Pierce, Desbonnet, Haas, Allard-Cox, Rhodes, Farady, Skrobe, McCann)

Program Organizational Chart

4

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Extension Program

5

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- RISG Extension Program has a Sea Grant Coordinator (A. Desbonnet) and three, thematic Extension Leaders:
 - *Susan Farady, Director of the RISG Legal Program (1.0 FTE)
 - MOU signed (2003) renewed (2009) as Partnership between RISG-Marine Affairs Institute, Roger Williams University (RWU) School of Law-Dept. of Marine Affairs, URI
 - *Laura Skrobe, Extension Leader for Fisheries Programs (1.0 FTE)
 - *Jen McCann, Extension Leader for Coastal Programs (1.0 FTE)
- Sea Grant Extension Leaders build SG capacity in host institutions:
 - *Fisheries – URI Fisheries Center (FC) & Commercial Fisheries Research Foundation
 - *Coastal – URI Coastal Resources Center (CRC)
- Directors of FC, URI Fisheries Department and CRC sit on RISG Senior Advisory Council

Advisory Board

6

RISG

- Program-wide Advisory Board – Senior Advisory Council (SAC)
 - ▣ Thirty members represent a cross-section of private, public, and university constituencies and are chosen from the many organizations that interact with RISG
 - ▣ The roles of the SAC:
 - Advises the Leadership Team of RISG on how best to forge partnerships, avoid duplication, and help facilitate science-based activities of importance to multiple stakeholders.
 - Advises on new or proposed stakeholders and activities important to RISG and helps leverage and identify new opportunities for funding.
 - ▣ SAC memberships are fixed for a 3 year period but can be extended 2 additional terms, and are determined at the discretion of the RISG Director and RISG Leadership Team
 - ▣ The SAC meets twice a year – Once in the fall and in the spring. All Committee activities, findings, and minutes are archived <http://seagrants.gso.uri.edu/about/sac.html>

Senior Advisory Board Members

7	RISG		
	NAME	TITLE	AGENCY
	Ballou, Robert	Acting Chief, Dept. of Fish & Wildlife	RI DEM
	Baird, Ronald C.	Former Director, Natnal SG College Prog; Research Prof, Marine Science, UNCW	Marine Science, University of North Carolina Wilmington
	Colt, Ames	Chair, RI Rivers, Bays and Watersheds Coord Team	RI, DEM
	Cuker, Ben	Professor of Marine and Environmental Studies	Hampton University
	Dawicki, Shelley M.	Freelance Media/Communications Consultant	
	Deacutis, Christopher	Chief Scientist	Narragansett Bay Estuary Program
	DeHayes, Donald	Provost & Vice President, Academic Affairs	University of Rhode Island
	Esposito, Dennis	Lawyer, consultation	Aarons-Esposito Consulting Firm
	Fletcher, Kristen	Executive Director	Coastal States Organization
	Fugate, Grover	Executive Director	Coastal Resources Management Council
	Grossman-Garber, Deborah	Assistant Commisioner for Planning and Policy	RI Boad of Governors for Higher Education
	Hoey, John	Dir, Northeast Cooperative Research Program	Northeast Fisheries Science Center, Narragansett Lab
	Jearld, Ambrose	Director of Academic Programs	USDOC/NOAA/NMFS Northeast Fisheries Science Center
	Medeiros, Stephen	President	Rhode Island Saltwater Anglers Association
	Menezes, Sunshine	Executive Director	Metcalf Institute for Marine & Enviromental Reporting
	Miller, Jim	Professor, Ocean Engineering	Graduate School of Oceanography
	Monahan, Edward	Professor Emeritus, Marine Sci & Res Economics	University of Connecticut Avery Point
	Moran, Bradley	Vice President, Resrch Admin, Resrch& Econ Dev	University of Rhode Island
	Nixon, Dennis	Associate Dean, CELS	College of the Enviroment and Life Sciences, URI
	Rhodes, Jared	Chief, Statewide Planning Program	RI Division of Planning
	Rhodes, Rick	Associate Dean	College of the Enviroment and Life Sciences, URI
	Ribb, Richard	Program Director	Narragansett Bay Estuary Program
	Scherer, J. Eric	State Resource Conservationist	USDA, Natural Resources Conservation Service
	Smith, David	Associate Dean, Oceanography	Graduate School of Oceanography
	Stankelis, Robert	Manager	Narragansett Bay National Estuarine Research Reserve
	Sullivan, Michael	Director	RI DEM
	Swift, Judith	Vice Provost, Academic Affairs	URI
	Thompson, Nancy	Director, Science and Research	Northeast Fisheries Science Center, NMFS
	Vongkhamdy, Phoukham "Pooh"	State Conservationist for RI	USDA, Natural Resources Conservation Service
	Webb, Jacqueline	Professor, CELS-BIO	University of Rhode Island

Institutional Setting

8

RISG

- The RISG Director (SGD) reports to and is evaluated by the Dean of the URI Graduate School of Oceanography, Dr. David Farmer
- The SGD is also evaluated every 5 years by a URI-wide Administrator Review Committee (SGD was reviewed in 2009 – public report is available)
- The RISG SGD holds a tenured faculty position as a Professor of Fisheries and Aquaculture in the Department of Fisheries, Animal and Veterinary Science on the main URI campus in Kingston
- The SGD teaches a URI upper level undergraduate/graduate course every other year
- The SGD is an Associate Director of a University-wide, URI Coastal Institute

State Sea Grant Program Plan

National Focus Area	Focus Area from Program Strategic Plan	Estimated Level of Effort of Federal, Match and Leveraged (%)	Estimated Level of Effort of Federal and Match (\$)	Estimated Level of Effort of Leveraged (\$)
Safe & Sustainable Seafood Supply		31%	\$3,827,829	\$480,000
Sustainable Coastal Development		31%	\$3,492,357	\$780,000
Healthy Coastal Ecosystems		35%	\$4,858,194	\$33,000
Hazard Resiliency in Coastal Communities		3%	\$370,775	
Total		100%	\$12,549,155	\$1,293,000

Performance Measure/Outcome

Highlights

10

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- By 2010, develop the criteria for use of high pressure processing in seafood, and have them adopted for use by seafood processors and USDA.
- By 2011, a working group on renewable energy and aquaculture will engage local leaders in developing guidance for integrated economic and ecological development of energy and food production at offshore renewable energy sites.
- By 2012 the Ocean Special Area Management Plan is completed.
- By 2013 at least 4 Aquidneck Island Special Area Management Plan policies are implemented.

Major Partners

Partnerships

Projects

RI Coastal Resources Management Council (CRMC); RI Governor’s Office; RI Economic Development Corporation	Marine Spatial Planning: The Ocean Special Area Management Plan (OSAMP); organization of 17 new research projects leveraged (total funding of \$6M); manage large stakeholder process that is developing the SAMP
RI CRMC; RI Emergency Management Agency; RI Building Commission; RI Land Trust Council	Sea level rise visualizations, sea level rise policies, adaptation to climate change
NOAA NMFS Northeast Fisheries Science Center	Bycatch reduction in the haddock fishery with the Eliminator Trawl
Commercial Fisheries Research Foundation (CFRF)	Organizational development & funding of the CFRF; distribution by joint RfPs of \$2.4 million of cooperative research funds
Sand County Foundation	Fisheries management (“catch shares”) workshops/publications in Narragansett, RI, Del Mar, CA , and Mystic, CT; Fisheries for the Bench Legal Program

2008/2009 Network Activities

12

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- Barry Costa-Pierce: Vice-Chair of the Healthy Coastal Ecosystems Focus Team; Member of the SGA's ERC; Member of the SGA's PMC; Member of two regional Sea Grant Planning Groups: (1) Gulf of ME Regional Ocean Science Council, and (2) NY Bight Regional Ocean Council; Member of the National Academy of Sciences Committees on Drakes Estero, California and Best Practices for Shellfish Aquaculture (2008-2010)
- Alan Desbonnet: Chair of the SGA's Research Coordinators; Member of SGA's PMC; Member of SGA's Networks Advisory Council; Member of the SGA Extension Assembly
- Laura Skrobe: National Catch Shares Study Committee; National e-Extension Committee
- Pam Rubinoff: Leader, National Sea Grant Smart Growth Committee; co-Chair of Northeast Sea Grant Regional Climate Network; Member of SGA Extension Assembly CCD and Climate Change Interest Groups
- Hosting 2010 National Sea Grant Advisory Board Meeting (August 2010)

2010 RFP Process

13

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- Description of the review process:
 - ▣ Process to develop RFP priorities: RISG gathers inputs from its program-wide SAC, stakeholder surveys, stakeholder retreats/workshops , and specialized advisory panels to RISG extension programs
- Priorities –
 1. Improving understanding of southern New England’s “Transitional Seas” (RI Sound and Block Island Sound);
 2. Changing ecosystem dynamics of Narragansett Bay due to decreased nutrient inputs and climate change;
 3. Multidisciplinary policy/science syntheses on priority topics of fisheries management (“catch shares”), adaptation to climate change, and Smart Growth;
 - In order to facilitate synthesis efforts, three-year “collaborative” proposals were solicited and funded.
- Composition of review panels:
 - ▣ RISG has developed a four part review process that includes: individual science review, relative science review, relevancy review, and international benchmarking. RISG includes representatives from local resource management institutions to serve on the final review panel of experts to provide a “relevancy review” and guidance.
 - ▣ A white paper on the comprehensive RISG review process was developed for SAC comments and endorsement, and adopted.
 - ▣ Review panel members included experts in nutrient dynamics, policy and economics, geological oceanography, seafloor mapping, social sciences, fish biology, fisheries ecology, aquatic ecology.

2008/2009 Program Metrics – Awards and Honors

14

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- ❑ Northeast Group Award (2008) for Outstanding Achievement in Extension (RISG Fisheries Extension)
- ❑ Apex Award for 41 Degrees North, the RISG Magazine
- ❑ RISG Fisheries received the International Smart Gear Award for the Eliminator Net from The World Wildlife Fund
- ❑ RISG Director was elected as Vice President & Board of Directors of the World Aquaculture Society

2008/2009 Highlights of Metrics

15

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- RI SG leveraged \$1.4M last year to support 21 different projects
- RI SG reached nearly 2000 people through conducting and organizing 110 different workshops, conferences and meeting
- RI SG partnered with 50 different agencies, organizations, universities, businesses and Sea Grant Programs

2008/2009 Program Impacts

16

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- ❑ RISG working with Rhode Island's coastal management program (CRMC) drafts, vets and helps get adopted one of America's **first state sea level rise policies**
- ❑ RISG said by White House OSTP to be at the "**vanguard of marine spatial planning**" in the USA
- ❑ RISG developed the "eliminator trawl" which removed endangered cod from recovered haddock with est. \$30 million impact to New England
- ❑ RISG provided the first comprehensive review plan and developed a statewide portal for all data quantifying the assets, facilities and infrastructure for all of **RI's ports and harbors.**
- ❑ RISG Metro Bay Special Area Management Plan developed a new Coastal Greenways Policy and Program which opened **almost two miles of new, urban coastal public access that had not been available to the public since the Civil War**

2008/2009 Research Accomplishments

17

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- RISG researchers publish in Nature that a fundamental shift in the nitrogen cycle has occurred due to climate change
- RISG researchers publish in Marine Chemistry that submarine groundwater discharges into coastal lagoons deliver most of the nitrogen and cause the greatest environmental changes – leads to policy and development changes in RI's coastal zone

Best Management Practices

18

RISG

- Partnership between RI CRMC and RISG to complete 6 ecosystem-based, Special Area Management Plans (SAMPs)
- RISG Legal Program as an academic (joint, 2 degrees), extension/education (RISG Legal Fellows) collaboration between a private & public university and a Sea Grant program
- RISG partnership with Commercial Fisheries Research Foundation to run cooperative fisheries research RfPs for >\$2 million
- RISG leadership to lead the formation of the Northeast Sea Grant Consortium