

# Pennsylvania State Sea Grant Program 2011 NSGO Review

Jonathan Eigen



# Program Management

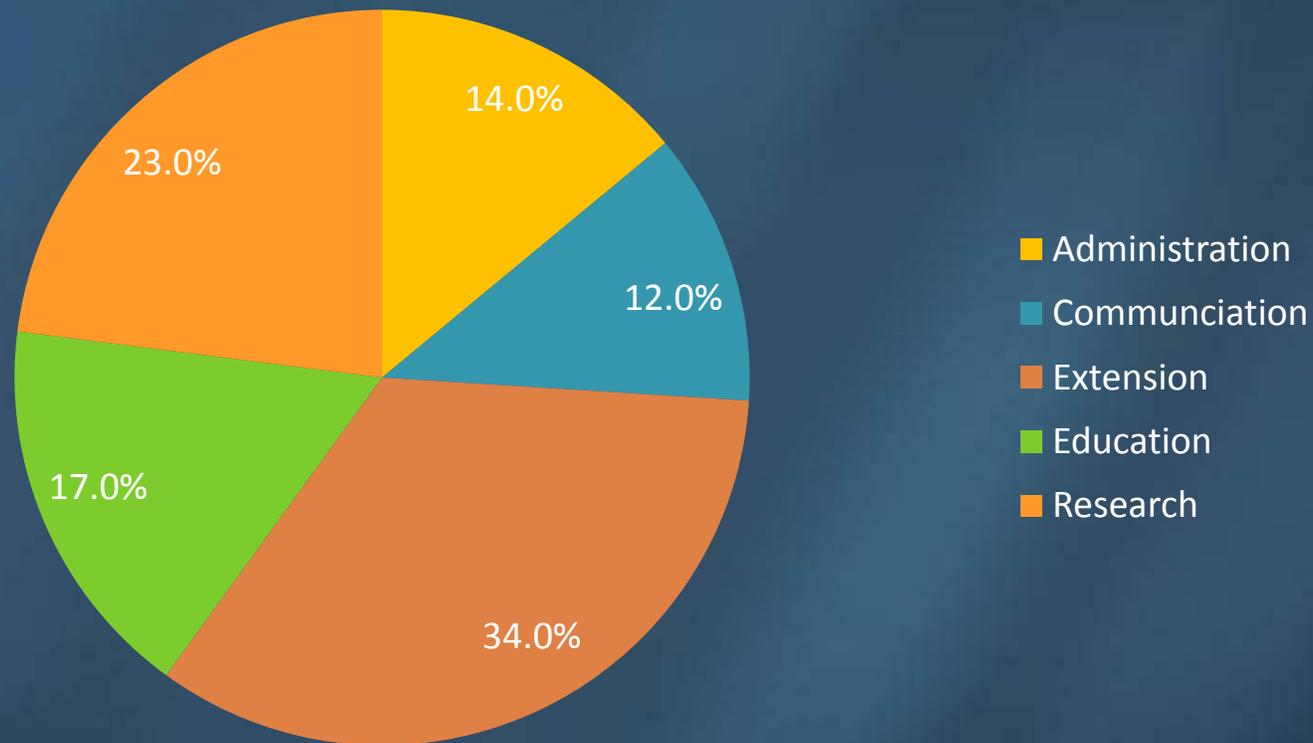
- Robert Light, Ph.D., Director (.55 FTE)
- Eric Obert, Associate Director & Extension Leader (.4 FTE)
- Ann Faulds, Associate Director Delaware River Watershed (1.0 FTE)
- Sarah Whitney, Associate Director Susquehanna River Watershed (1.0 FTE)

Functional Area	# of individuals	# of FTEs supported by SG	# of FTEs supported by match/leverage
Mgt/Admin	10	1.15	1.11
Comm.	8	.99	.21
Ext.	4	2.82	2.96
Education	8	1.41	1.01
Research	16	1.82	.78

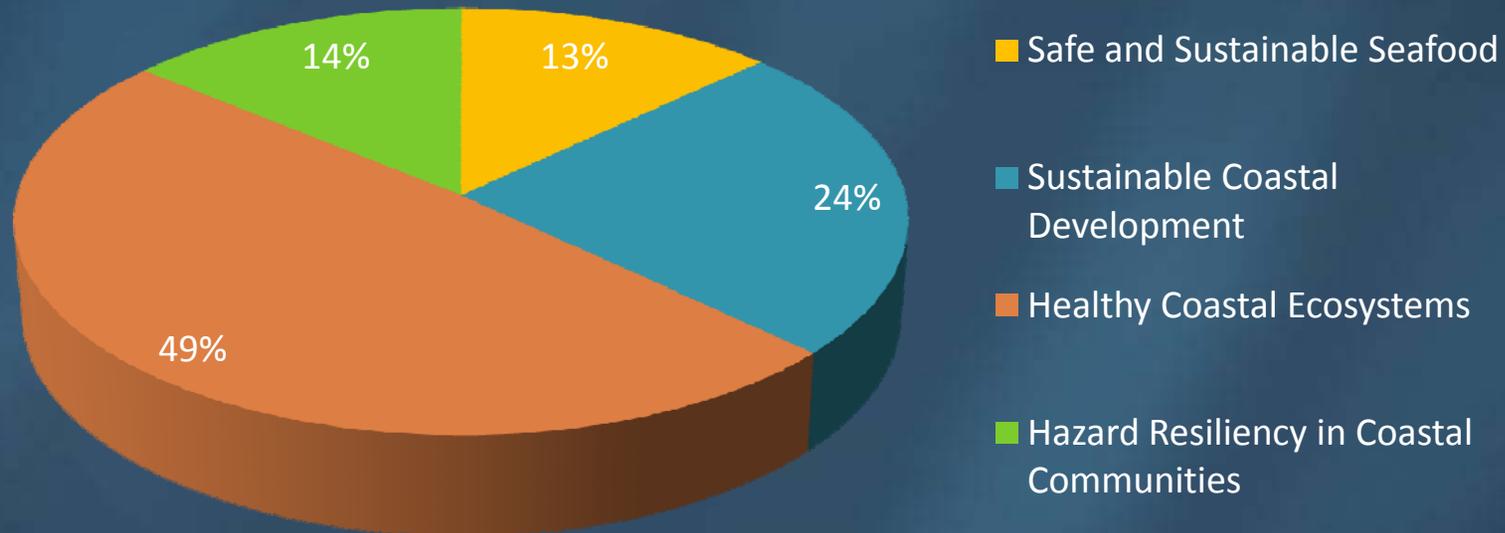
Size of program: Small



# Program Budget towards each Functional Area



# Program Budget towards each Focus Area



# Significant Program Changes

(since Jan. 2010)

- Eric Obert is officially retired. He is acting as extension leader as a part time contractor
- Added a third 0.75 FTE staff member to the Susquehanna River watershed office (Paul Zeph)

# Program Requested Changes to 2010-2013 Program Plan

- None Expected



# State Program Performance Measures

- Restore six degraded ecosystems as a result of Sea Grant activities
- Number of Lake Erie tributaries with fish passage improvements (2)
- Increase the number of municipalities implementing conservation residential design (3)
- Linear feet of Lake Erie tributary and shoreline conserved (8,000)
- Acres of natural lands conserved (400)
- Number of AOCs using the fish tumor database (17)
- Number of AOCs adopting fish tumor BUI delisting targets (9)



## Contribution to National Performance Measures and Metrics

- Leveraged funds \$2,891,400
- K-12 students reached 3385
- Curricula developed 17
- Degraded Ecosystem Restored – 33.33 acres
- 4 Peer Reviewed Research Papers

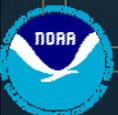


# Program Impacts

- **Presque Isle Bay watershed restoration, protection, and monitoring plan**
  - Ecosystems and Habitats, Coastal Communities and Economies – Restore Degraded Ecosystems
  - Number of municipalities setting restoration priorities (5)

# Program Impacts

- **Promoting conservation design – Coastal Communities – Harbor Creek**
  - Coastal Communities and Economies
  - Increase the number of coastal communities that have adopted or implemented sustainable (economic and environmental) development practices and policies



# Program Impacts

- **Stream Restoration, Sediment control and Fish Migration**
  - Ecosystems and Habitats
  - Number of Lake Erie tributaries with fish passage improvements (2)

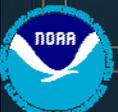
# Program Impacts

- Helping Landowners Preserve Environmentally Sensitive Land
  - Ecosystems and Habitats, Coastal Communities and Economies
  - Linear feet of Lake Erie tributary and shoreline conserved (8,000)
  - Acres of natural lands conserved (400)



# Program Impacts

- Pennsylvania's Smart Boating, Clean Water program prevents over 100,000 pounds of boater waste from entering the landfill
  - Shrink wrap recycling program has collected over 75000 pounds of shrink wrap that is being recycled into highway guardrails.
- Healthy Coastal Ecosystem
  - County and the Delaware Estuary participating in PASG Clean Marina programs (30)
  - Number of Pennsylvania boaters participating in PASG programs adopting clean boating techniques (1,000)



# 2009 Research Accomplishments

- **Brown bullhead tumor database**
  - [http://bullhead.psu-erie.bd.psu.edu/welcome\\_screen.php](http://bullhead.psu-erie.bd.psu.edu/welcome_screen.php)
- **Whole-sediment exposure of brown bullhead (*Ameiurus nebulosus*) to industrially contaminated sediment**