

# Mississippi-Alabama Sea Grant Consortium 2012 NSGO Review

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# Mississippi-Alabama SG Management

## Management staff (Name, position, FTE)

- LaDon Swann, Director (0.6 FTE)
- Steve Sempier, Deputy Director (0.25 FTE Deputy Director ; 0.75 FTE Hydro Restoration and GMRP)
- Kay Bruening , Executive Support Associate (currently Deborah Jefferson) (1.0 FTE)
- Loretta Leist, Research Coordinator (1.0 FTE)
- Devaney Cheramie, Fiscal Officer (0.55 FTE and 0.20 Hydro Restoration)

Size of Program - Medium

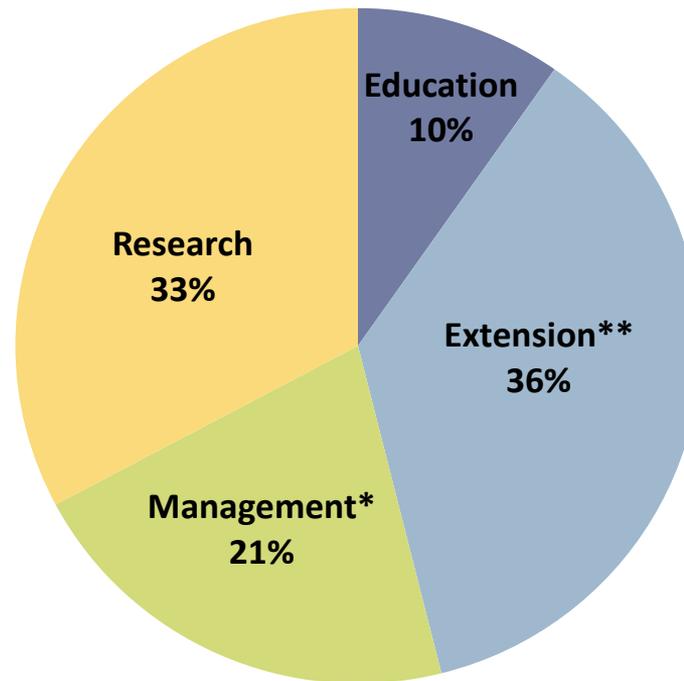
# Mississippi-Alabama SG Management

- Total FTEs on staff (information in Annual report metrics)

Functional Area	# of individuals	# of FTEs supported by SG	# of FTEs supported by match/leverage
Mgt/Admin	5.00	2.49	0.91
Comm.	2.00	1.23	0.77
Ext.	17.00	3.78	1.80
Education	13.00	1.21	0.69
Research	98.00	16.89	7.41

# Mississippi-Alabama SG 2010 Core Budget (Fed + Match) towards each Functional Area

## 2010 Effort by Functional Area

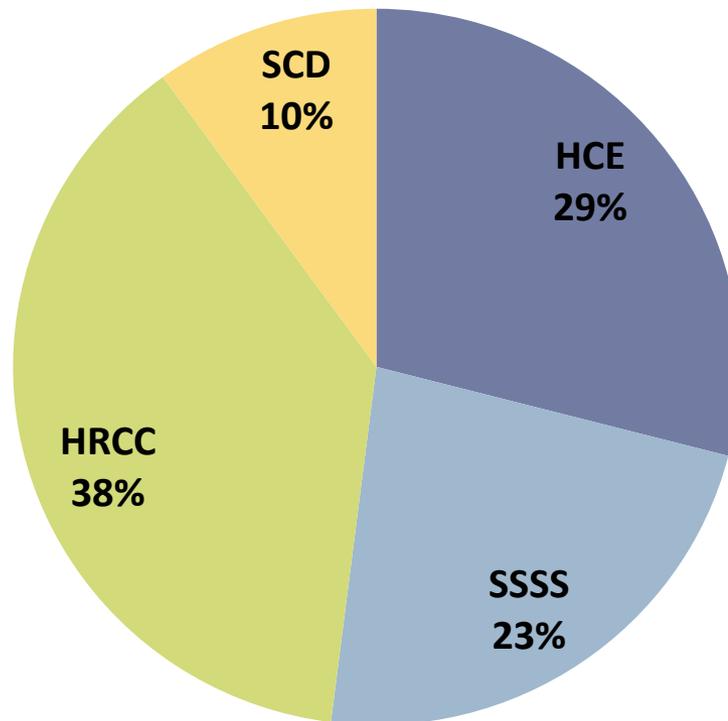


\*Management includes Project Development funds that total 3% of total core budget. These Funds typically are used for rapid response research.

\*\*Extension includes Communications activities, which total about 9% of core budget.

# Mississippi-Alabama SG 2010 Budget towards each Focus Area (Fed + Match + Pass-Through + Managed Leveraged Funds)\*

**Effort by Focus Area**



# Significant Mississippi-Alabama SG Changes (since January 2011)

- Kay Bruening, executive support assistant for Mississippi-Alabama Sea Grant, retired July 1 after 20 years of service
- Deborah Jefferson of Gulfport has joined the MASGC as an executive support associate
  - Support director and deputy director
  - Serve as office manager



# Mississippi-Alabama SG RFP Process

- MASGC research in the following focus areas:
  - Healthy Coastal Ecosystems
  - Safe and Sustainable Seafood Supply
  - Sustainable Coastal Development
  - Hazard Resilience in Coastal Communities (addressed through separate CSP competition)
- 2012 omnibus panel included primarily out-of-state members, including university, NOAA (NOAA Restoration Center, Coastal Services Center), and other SG programs
- Pre-proposals reviewed by Research Technical Review Panel
  - Encourage (or not) for full proposal submission and provide feedback
- Full proposals sent for external mail review and reviewed by Technical Review Panel (4-5 merit reviews/proposal)
- Prior to funding:
  - PIs asked to respond to review comments
  - Work with MASCG outreach staff and others to develop and finalize education and outreach plans

# Mississippi-Alabama Sea Grant RFP Process for 2012-2013 Projects – Research Metrics

Core Proposals	# of Proposals	# of institutions	# of home institutions*
Pre-proposals submitted	21	13	2
Full proposals submitted	11	9	1
Proposals Funded	4**	4	0

\* MASGC is a consortium with nine members. For this metric, home institution considers the fiscal host only (University of Southern Mississippi).

\*\*One additional project was recommended for funding with Program Development funds.

# Mississippi-Alabama Sea Grant Contribution to National Performance Measures and Metrics

Focus Area	Metric/Performance Measure	Actual
HRCC	Number of coastal communities provided with information/trained in local hazard resiliency and hazard mitigation tools, techniques and best practices.	21 (Target = 15)
SSSS	Number of producers, distributors and consumers of seafood who modify their practices using knowledge gained in fishery sustainability, seafood safety and the health benefits of seafood.	562 (Target = 1592)
SCD	Economic benefits derived from sustainable coastal policies and practices as a result of Sea Grant activities.	107,000 (Target=10,000,000)
Cross-Cutting	Number of extramural dollars applied to research and outreach that addresses Gulf of Mexico regional priorities.	637,750 (Target = 4,000,000)

# MS-AL Sea Grant Impacts - DWH

- Provided science-based information to coastal residents and businesses helping to mitigate the economic and social impacts
- Training, workshops, public forums (25 DWH-related events in 2010)
  - Alaska experience
  - Peer listening (more than 7,000 trained)
  - Seafood safety training
- DWH Oil Spill Database (more than 5,700 unique hits)
- Liaison with federal agencies (e.g. NOAA's external affairs), state agencies, universities, local governments and others
- MSAL Focus Area(s): HRCC, SSSS, HCE



# MS-AL Sea Grant Impacts – Living Shoreline

- Living Shorelines program educates about the benefits of installing natural erosion control structures as an alternative to seawalls and bulkheads
- Living Shorelines workshops
  - Six have been completed since 2004 (Mississippi, Alabama and Florida)
  - Influential in facilitating change in shoreline protection regulatory policy (Living Shorelines General Permit by the U.S. Army Corps of Engineers)
- Five separate living shoreline projects have been implemented
  - More than 2,000 linear feet installed
  - Protects 25 acres of salt marsh
- MSAL Focus Area: HCE



# MS-AL Sea Grant Impacts – Economic Development

- Shrimpers eligible for more than \$1.8 million due to TAA SG training
- HACCP training saved one company from losing large account with a national chain
- Inland shrimp farming total impact of \$175,000/year due to improved production techniques
- 135 charter-fishing and nature based tourism operators participated in industry-specific trainings to increase potential revenue
- MSAL Focus Areas: SSSS, SCD



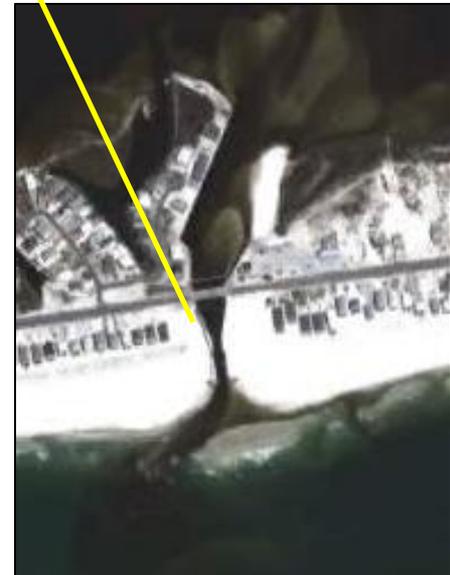
# MS-AL SG 2010 Research Accomplishments

- Research: New oyster farming sector created in Alabama with one business selling oysters in 2010 and five other potential start-up businesses
- Research goal is the introduction of economically sustainable off-bottom oyster culture in the Gulf of Mexico
- Part of the research evaluates growth, survival, health of oyster raised different types of off-bottom oyster-growing methods.
- Findings will determine feasibility of oyster farms in the region, especially for the “boutique” half-shell oyster market.



# MS-AL SG 2010 Research Accomplishments

- Little Lagoon is a poorly-flushed system.
- Research to identify the environmental and/or anthropogenic drivers.
- Research/volunteer team identified anomalously high fecal coliform numbers in the lagoon when the pass was closed following the DWH oil spill.
- Data and their implications were presented to managers and the pass was re-opened to address the problem within a very short period of time.



# Sources (unless otherwise noted)

- Planning, Implementation, and Evaluation Resources (PIER)  
<https://pier.seagrant.noaa.gov>
- Personal Communication with Program