

## CURRICULUM VITAE

### HENRY BUSCH HODDE III, M.S., CFM, FORTIFIED Wise Assoc.

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\*References on page 9

#### *SUMMARY of QUALIFICATIONS*

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- Environmental professional with expertise in coastal policy and management, floodplain management, natural hazards, planning, community resilience, ecological resources, natural resource management, and climate adaptation.
- Demonstrated analytic abilities and communication skills necessary to address complex issues, policy applications, and relationships that commonly occur in networked, state-federal partnership programs.
- Accomplished in communicating technical and scientific information to a variety of audiences.
- Highly motivated individual with refined interpersonal, project management and leadership skills.
- Knowledge of interagency and intergovernmental coordination and outreach initiatives.
- Experience in working with and leading community groups and volunteer organizations.
- Expertise in grant management and proposal development on the federal and NGO levels.

#### *EDUCATION*

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##### **M.S. Environmental Management** 2012

University of Houston - Clear Lake, Houston, TX

- Emphasis in Community Sustainability and Disaster Resilience
- GPA: 3.75/4.0

##### **B.S. Residential Science** 2007

Florida State University, Tallahassee, FL

- Emphasis in Sustainable Housing Methods
- GPA: 3.3/4.0

#### *PROFESSIONAL EXPERIENCE*

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##### **Planning and Policy Manager** *January 2017 - Present*

[Smart Home America](#) & [Mississippi-Alabama Sea Grant Consortium](#), Mobile, AL

- Provide technical support and assistance to local governments on community planning activities and topics, including hazard mitigation, comprehensive planning and risk assessment.
- Serves as liaison between community groups, government agencies, private-sector service providers, and elected officials in developing building code, land use plans, and development ordinances.
- Coordination and execution for organizational development and strategic planning, partnership building and collaboration initiatives, policy and legislative analysis, and securing programmatic funding.
- Serves as Resilience Outreach Specialist for Mississippi-Alabama Sea Grant by providing extension and outreach services to local community planners and floodplain managers.

## Coastal Management Specialist

January 2014 – January 2017

[NOAA Office for Coastal Management \(OCM\)](#) | The Baldwin Group, Inc.

NOAA Gulf of Mexico Disaster Response Center, Mobile, AL

- Served as the Federal Program Specialist and provided management assistance (related to governance, policy, and technical or other issues) to coastal state management programs and National Estuarine Research Reserve sites to support the requirements under the Coastal Zone Management Act (CZMA).
- Negotiated and approved CZMA investments, including 18 cooperative agreement for roughly \$4.4 million annually; reviewed and approved three State-based 5-year coastal and natural resources management strategies; conducted 25 NEPA consultations for ESA and NHPA; assisted with coastal program implementation and formal policy changes; monitored program status and performance measures bi-annually; and, conducted 3 federal program evaluations.
- Served as liaison with environmental groups, research organizations, community stakeholders, academic institutions and Federal funding institutions in the Gulf Region in serving as part of a mutual exchange information service regarding technical coastal management efforts and training opportunities.
- Support implementation of the Federal Consistency provisions of the CZMA by providing administrative and logistical support to plan and execute regional training workshops and other outreach activities.
- Served as technical program specialist for NOAA's Regional Coastal Resilience Grant program, which included grant management, stakeholder engagement, and programmatic assistance.
- Provided coastal community resilience, natural hazards and disaster, and climate adaptation planning technical/policy assistance to state coastal management programs and regional partners.
- Lead coordination and staff support to NOAA's Interagency resilience activities, including the National Ocean Service's Priorities Roadmap, National Disaster Recovery Framework, and FEMA's Community Rating System.
- Supplied timely and critical input to the OCM regional lead and division chief on annual office-wide work plans, policy documents, congressional taskers, and the identification of or reporting status of OCM contributions to national and regional initiatives.
- Represented NOAA/NOS/OCM in interagency and intergovernmental working groups, partnership efforts and collaborations:
  - Gulf of Mexico Alliance (GOMA) Coastal Community Resilience Team
  - NOAA Gulf of Mexico Regional Collaboration Team
  - OCM Gulf of Mexico Regional Team
  - OCM SE and Caribbean Regional Team
  - FEMA Community Planning and Capacity Building Federal Partners
  - FEMA Region IV Coastal Outreach Working Group
  - Gulf of Mexico Alliance Federal Working Group
  - Florida Community Resilience Initiative Focus Group

## **Coastal Communities Specialist**

*February 2013 – January 2014*

*2013 Sea Grant Dean John A. Knauss Marine Policy Fellowship*

[NOAA National Sea Grant Office](#), Silver Spring, MD

- Coordinator for the *Hazard Resilient Coastal Communities and Sustainable Coastal Development* Strategic Focus Areas, which included:
  - Communicating national impacts and accomplishments
  - Conferences, meetings, seminars, and round-table discussions
  - Prepare annual reporting material
  - Collaborative efforts on policy papers, outreach, and educational materials
  - Develop web-content for national web-site.
- Evaluated and synthesized Sea Grant Network research and extension activities surrounding coastal community sustainable development, hazard resilience, and climate change adaptation
- As NSGO Staff Member, I completed necessary required by federal employees, including provide Staff support for general NSGO activities; attend staff and organizational meetings; compiled Sea Grant program accomplishments and impacts; analyzed the Sea Grant network's research portfolio; provided input and coordination for the 2014-17 National Strategic Plan; and, represented the NSGO at conferences, Inter-Agency and Inter-Governmental meetings, and Congressional Briefings.
- Represented the NSGO and national Sea Grant network in interagency and intergovernmental working groups, partnership efforts and collaborations:
  - Sea Grant Sustainable Coastal Community Development Network
  - Sea Grant Climate Network
  - NOAA Coastal Smart Growth Planning Team
  - NOAA National Climate Adaptation Team
  - FEMA Community Planning and Capacity Building Federal Partners
  - FEMA CPCB Sandy Task Force Implementation Workgroup
- Authored and developed policy papers and organizational guidance, including:
  - Disaster Recovery and Resilience: A Path Forward for the National Sea Grant College Program
  - FEMA Community Planning and Capacity Building Collaborative Partnership Guide
- Compiled and communicated Sea Grant's response and recovery efforts for Hurricane Sandy, including the coordination of a NOAA-wide Congressional Briefing.
- Participation in grant and fellowship review panels:
  - Great Lakes Sea Grant Fellowship
  - Department of Commerce NOAA Small Business Innovation Research
  - NOAA Sea Grant 2013 Community Climate Adaptation Initiative
  - Sea Grant Sandy Response – Connecticut, New York & New Jersey
  - EPA Climate Ready Estuaries Adaptation Workbook
  - NOAA Coastal Resilience Networks

## **Graduate Research Intern**

*May 2012 – August 2012*

[Coastal Resilience Center of Excellence](#), Department of Homeland Security  
University of North Carolina, Chapel Hill, NC

- Coordinated research efforts for DHS sponsored grant:

- “Housing Recovery and Resilience: Assessing the Constraints and Facilitators of Post-Disaster Housing Recovery in Vulnerable Coastal Communities” (*DHS Science and Technology Directorate, Summer Research Team Program, 2012*)
- Created and delivered survey instruments and interviews to public and non-profit officials involved in emergency management and disaster recovery activities in North Carolina and Texas
- Collected, maintained, and analyzed community planning documents and digital data, including maintaining a GIS Geo-database for statistical analysis.
- Assisted with a preliminary report of the research findings for distribution to project participants and publication
- Developed and supervised work-plan for two undergraduate students

**Graduate Research Assistant**

*December 2010 – December 2012*

[Environmental Management Program](#), University of Houston-Clear Lake, Houston, TX

- Participated in research efforts for UH-CL sponsored grant:
  - “Coastal Resilience Handbook: A Resource for Upper Texas Gulf Coast Communities.” (*UHCL/EIH, 2011*)
- Created research protocol and parameters
- Coordinated with municipalities, NGOs and state and federal agencies for partnerships and research opportunities
- Collected and analyzed documents and data
- Assisted with findings and reporting materials

**Graduate Field Research Assistant**

*June 2010 – November 2010*

[Environmental Institute of Houston](#), University of Houston - Clear Lake, Houston, TX

- Participated in and trained as an environmental sampling field technician
- Conducted and analyzed field research for regional, state, and federally sponsored environmental projects
  - National Wetlands Conditions Assessment, Texas (*EPA/TCEQ, 2011*)
  - National Coastal Conditions Assessment, Texas (*EPA/TCEQ, 2010*)
  - Clean Rivers Program, Regional Assessment of Water Quality (*H-GAC, 2010/2011*)
  - Evaluation of the influence of various stream substrates on aquatic biota within Harris County (*HCFCFCD, 2010/2011*)
  - Population Status and Demographics of the Texas Diamondback Terrapin (*Malaclemys terrapin littorals*) (*USFWS, 2010/2011*)
  - Greens Bayou Wetlands Mitigation Assessment Project (*HCFCFCD, 2010*)

**Watlee Construction, Inc.**

Post-Disaster Recovery Specialist, Houston, TX

*November 2008 – June 2010*

- Managed Hurricane Ike wind and flood insurance claims on residential and commercial properties
- Scoped and estimated disaster-related loss to properties using resource/data management software
- Managed multiple projects in cooperation with Insurance Agencies, Banks, Suppliers, and subcontractors under strict deadlines
- Initiated, supervised, and closed-out approximately 100 customer contracts and claims

## FUNDED RESEARCH & PROJECTS

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- Hodde, H. 2018. "BRACE for Impact: Mitigating and collaborating around the Gulf of Mexico to foster resilient planning and building practices." Gulf of Mexico Alliance. (\$37,094).
- Petrolia, D. and H. Hodde. 2018. "Estimating the Return on Investment from Adopting Wind Hazard Mitigation Strategies." Mississippi-Alabama Sea Grant Consortium. (\$4,000)
- Swann, L. and H. Hodde. 2017. "Online Catalog for Coastal Communities." Alabama Department of Conservation and Natural Resources. (\$35,000).
- Hodde, H. 2017. "Homeowner's Handbook Update for the Gulf of Mexico." Gulf of Mexico Alliance. (\$25,000).
- Shiyou-Woodard, J. and H. Hodde. 2017. Building Wind and Flood Capacity." Mississippi-Alabama Sea Grant Consortium. (\$60,000)

## AWARDS & HONORS

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- Leadership Mobile Class of 2017, Mobile United 2016-2017
- Dean John A. Knauss Sea Grant Marine Policy Fellow, Texas Sea Grant 2013
- Brown & Root-Halliburton Graduate Fellow, UHCL 2012-2013
- Who's Who Among Students in American Colleges and Universities, UHCL 2012
- Texas Association of Environmental Professionals Scholar, UHCL 2012
- Brown and Root Scholar, UHCL 2011-12
- Who's Who Among Students in American Colleges and Universities, UHCL 2011
- Florida Bright Future Scholar, FSU 2001-07

## PUBLICATIONS

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- O'Connor, Ryan T., Dorothea C. Lerman, Jennifer N. Fritz, & Henry B. Hodde. (2010). **Effects of number and location of bins on plastic recycling at a university.** *Journal of Applied Behavior Analysis*, 43, 711-715.
- Schmidt, D., Hodde, H., Garland, K., & Gavin, S. (2012). **Fostering Resilient Communities: Challenges and Recommendations for Post-Disaster Housing Recovery.** Unpublished manuscript. Department of Geography and Environmental Management, University of Houston-Clear Lake, Houston, Texas.
- Hodde, Henry. (2012). **The Damage Assessment Process: Evaluating Coastal Storm Damage Assessments in Texas after Hurricane Ike.** Masters Thesis. Department of Environmental Management, University of Houston-Clear Lake, Houston, Texas.
- Hodde, H. Schmidt, D., Smith, G, & Garland, K. (2013). [The Damage Assessment Process: Evaluating Coastal Storm Damage Assessments after Hurricane Ike \(2008\)](#). Poster Presentation, 38<sup>th</sup> Annual Natural Hazards Workshop, Broomfield, CO.
- Hodde, Henry (2014). [Current Floodplain Management Trends in the Gulf of Mexico Coastal Programs.](#) Poster Presentation, Restore America's Estuaries 7<sup>th</sup> National Summit, Washington, DC

## PRESENTATIONS

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- Hodde, H. **"FORTIFIED Home Program 101"**. Presenter. GOMA Coastal Resilience Team Fall Meeting, Pensacola, FL (November, 2017).
- Hodde, H. **"The Future of Nature Based Solutions."** Panelist. FEMA Resilient Nation Partnership Network Annual Forum, Washington, DC (November, 2017).
- Hodde, H. **"Resiliency Panel: Texas Resiliency and the Marketplace."** Panelist. Texas State Collaborative Annual Meeting, Austin, TX (October, 2017).
- Hodde, H. **"Enhancing State Coastal Management Programs to Improve Resilience."** Moderator. Restore America's Estuaries 8<sup>th</sup> National Summit, New Orleans, LA (December, 2016).

- Hodde, H. [“NOAA Regional Coastal Resilience Grant Program.”](#) 8<sup>th</sup> National Restore America’s Estuaries – Coastal Society Summit, New Orleans, LA (December, 2016).
- Hodde, H. and M. Honeycutt. [“Keeping up with Changing Tides: NOAA Product and Service Updates.”](#) Co-Presenters. Florida Floodplain Managers Association Annual Conference, St. Augustine, FL (March, 2016).
- Hodde, H. **“Data, Tools and Initiatives for Coastal Community Resilience.”** Presenter. Federal Alliance for Safe Homes Annual Conference, Orlando, FL (January, 2016).
- Hodde, H. **“NOAA Tools Help Assess Flood Hazards.”** Co-Presenter. 2015 Alabama Association of Floodplain Managers Annual Meeting, Birmingham, AL (October, 2015).
- Hodde, H. **“Economic Analysis of Natural Resources.”** Presenter. Florida Coastal Office Seminar Series, Tallahassee, FL (September, 2015).
- Hodde, H. **“NOAA Coastal Management: Flood Resilience Tools and Initiatives.”** Plenary Speaker. 2015 Florida Floodplain Managers Association Annual Meeting, Orlando, FL (April, 2015).
- Hodde, H. **“Rapid Damage Assessment Process: Post-Hurricane Response at the Community Level.”** Presenter. 2014 Bays and Bayous Symposium, Mobile, AL (December, 2014).
- Hodde, H. **“NOAA Resiliency Programs Overview and NERRS Lessons Learned.”** Presenter. 2014 NERRS/NERRA Annual Meeting, Shepherdstown, WV (November, 2014).
- Hodde, H. and M. Hanisko. [“NOAA Sea Level Rise and Coastal Flooding Impacts Viewer.”](#) Co-presenter. 2014 Alabama Association of Floodplain Managers Annual Meeting, Auburn, AL (October, 2014).
- Hodde, H. **“Disaster Recovery and Resilience: A Path Forward for the National Sea Grant College Program.”** Presenter. Sea Grant Association Fall Meeting, Mobile, AL (October, 2013).
- Hodde, H. **“Impacts and Accomplishments: Sustainable Coastal Development and Hazards Resilience in the National Sea Grant College Program.”** Presenter. National Sea Grant Advisory Board, Washington, DC (March, 2013).
- Hodde, H. **“Fostering Resilient Communities: Recommendations for Post-Disaster Damage Assessment and Housing Recovery.”** Presenter. Department of Homeland Security Coastal Hazards Center of Excellence 5<sup>th</sup> Annual Meeting, Chapel Hill, NC (January, 2013).
- Hodde, H. and D. Schmidt. **“Recovering with Resilience: Recommendations to facilitate post-disaster housing recovery and prepare for future climate change.”** Co-Presenter. Galveston Bay Area Sierra Club, Seabrook, TX (September, 2012).
- Hodde, H. and D. Schmidt. **“Housing Recovery and Resilience: Assessing the Constraints and Facilitators of Post-Disaster Housing Recovery in Vulnerable Coastal Communities.”** Co-Presenter. Research Briefing to the Department of Homeland Security, Coastal Hazards Center of Excellence at the University of North Carolina, Chapel Hill, NC (August, 2012).
- Hodde, H. **“An Evaluation of Coastal Storm Damage to Improve Resilience in Nassau Bay, TX.”** Poster Presentation, Student Conference for Research and the Creative Arts, UHCL, Houston, TX (April, 2012).
- Hodde, H. **“Creating Resilient Coastal Communities.”** Moderator and Presenter. Western Social Science Conference, Houston, TX (April, 2012).
- Hodde, H. **“Living Green and Sustainably on the Coast.”** Presenter. Galveston Home and Garden Show, Galveston, TX (March, 2012).
- Hodde, H. and K. Garland. **“Coastal Resilience on the Upper Texas Coast.”** Co-Presenter. Environmental Institute of Houston, UHCL, Houston, TX (December, 2011).
- Hodde, H. **“Sustainable Options: LEED Certified Contractors, Products, and Options.”** Galveston Home and Garden Show, Galveston, TX (March, 2011).
- Hodde, H. **“Energy Efficiency: Making sense of energy demands and conservation efforts.”** Presenter. Energy for the 21<sup>st</sup> Century – Environmental Management Symposium, Student Conference for Research and the Creative Arts, UHCL, Houston, TX (April, 2010).

Hodde, H. "Making Sense of Green Construction." Presenter. Galveston Home and Garden Show, Galveston, TX (March, 2010).

### LEADERSHIP ACTIVITIES

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<b>Habitat for Humanity of Southwest Alabama</b> , Board Member	2017-present
<b>Mobile United Natural Resources Committee</b> , Member	2017
<b>Institute for Sustainable Communities Leadership Academy</b> , Innovations in Building Resilience	2017
<b>Leadership Mobile Class of 2017</b> , United Mobile	2016-2017
<b>Alabama Coastal Area Management Program</b> , Resilience Advisory Committee Member	2016-present
<b>Florida Floodplain Managers Association</b> , Coastal Committee Member	2016
<b>NOAA Science of Coastal Natural Disaster Course</b> , Steering Committee	2015-2016
<b>GOMA Resilience Team</b> , Federal Liaison & Member	2014-present
<b>Florida Community Resilience Initiative</b> , Federal/State Agency Member	2014-2016
<b>NOAA Science and Education Symposium</b> , Judge	2013
<ul style="list-style-type: none"><li>Responsible for judging research projects and presentations by Hollings Undergraduate Scholars in the Resilient Communities and Economies category</li></ul>	
<b>Knauss Fellowship Brown Bag Committee</b> , Lead Coordinator	2013
<ul style="list-style-type: none"><li>Responsible for planning, communicating, and executing Science and Policy seminars given by the 2013 Knauss Fellows for NOAA staff and external guests</li></ul>	
<b>Student Government Association at UHCL</b> , President	2011-12
<ul style="list-style-type: none"><li>Facilitated all internal and external meetings for SGA, represented the student body on University related issues and negotiations, controlled financial accounts for student organizations, and assisted and supervised other Executive Council members and volunteers for their duties and responsibilities</li><li>Representative, University Council &amp; Student Life Council</li></ul>	
<b>Sustainability Club at UHCL</b> , Founder & President	2011-12
<ul style="list-style-type: none"><li>Developed new student-member club to introduce and promote everyday sustainable practices to the UHCL community, the Clear Lake area, and the State of Texas to better our natural environment; Created and distributed outreach material; Maintained membership database and community partnerships; and, Coordinated internal and external events, including monthly movie series.</li></ul>	
<b>U.S. Green Building Council</b> , Galveston County Branch	
Vice-Chair	2012
Education Director	2009-11
Education Coordinator, Emerging Green Builders	2010
<ul style="list-style-type: none"><li>Held a board member position and assisted with the non-profit's mission to positively affect the communities in Galveston County by transforming the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life</li><li>Helped build and develop a local publication, titled "Galveston Green Guidelines: Strategies for Building Projects on the Texas Gulf Coast"</li></ul>	

### FEDERAL & STATE PROGRAMS REVIEWER

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Climate Adaptation Projects, Merit Reviewer, Gulf of Mexico Climate and Resilience Community of Practice	2017
National Coastal Zone Management Program FFO, Federal Reviewer, NOAA	2016
NERRS Land Acquisition and Construction Program FFO, Merit Reviewer, NOAA	2016
Gulf Star Resilience Funding Opportunity, Merit Reviewer, Gulf of Mexico Resilience Team	2016

Regional Coastal Resilience Community Grants, Primary Reviewer, Gulf of Mexico Alliance	2016
National Coastal Zone Management Program FFO, Federal Reviewer, NOAA	2015
Regional Coastal Resilience Grant FFO, Merit Reviewer NOAA	2015
South Atlantic Regional Research on Coastal Community Resilience, Merit Reviewer Sea Grant	2015
National Coastal Zone Management Program FFO, Federal Reviewer, NOAA	2014
Coastal Resilience Research Special Funding Opportunity, Merit Reviewer Florida Sea Grant	2014
Sea Grant Fellowship, Merit Reviewer, Florida Coastal Office and Florida Sea Grant	2014
Resilient Communities and Economies Research Funding, Merit Reviewer, Mississippi-Alabama Sea Grant Consortium	2014
Coral Reef Conservation Cooperative Agreements FFO, Merit Reviewer, NOAA	2014
NOAA Sea Grant Community Climate Adaptation Initiative, Merit Reviewer, NOAA	2013
Coastal and Ocean Climate Adaptation Program, Merit Reviewer, NOAA	2013
Disaster Relief Appropriations Act for Coastal Resilience Networks FFO, Merit Reviewer, NOAA	2013
Sea Grant Fellowship, Great Lakes Commission, Merit Reviewer	2013
Small Business Innovation Research FFO, Merit Reviewer, NOAA	2013
<i>Being Prepared for Climate Adaptation: A Workbook for Developing Risk-Based Adaptation Plans</i> , Peer Reviewer, EPA	2013

### *PROFESSIONAL AFFILIATIONS*

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Association of State Floodplain Managers, Member  
Gulf of Mexico Climate and Resilience Community of Practice, Member  
Gulf of Mexico Alliance, Member

### *PROFESSIONAL TRAINING, SKILLS & CERTIFICATIONS*

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- FORTIFIED WISE Associate Training, IBHS (2017)
- National Floodplain Insurance Program (NFIP) Community Rating System, FEMA (2017)
- Science of Coastal Natural Disasters, NOAA (2016)
- Certified Floodplain Manager (CFM), No. US-16-08989 (2016)
- Grants Management Training, NOAA GMD (2015)
- ASAP - Related Changes to Grants Online, NOAA GOL (2015)
- Super Circular 2 CFR Part 200 Training, OMB (2015)
- Science of the Oil Spill, NOAA (2015)
- Introduction to Grants Online, NOAA GOL (2014)
- Coastal Community Resilience, National Disaster Preparedness Training Center (2014)
- Grants and Cooperative Agreements for Federal Personnel, Management Concepts Inc. (2013)
- National Sea Grant Academy, NOAA (2013)
- Communicating Science Effectively, University of Maryland Center for Environmental Science (2013)
- Roadmap for Adapting to Coastal Risk, NOAA Coastal Services Center (2013)
- Project Design and Evaluation, NOAA Coastal Services Center (2013)
- ArcGIS Spatial Analyst, ESRI (2012)
- Coastal Community Resilience Index, Mississippi-Alabama Sea Grant Consortium (2011)
- 18-Hours ArcGIS Spatial Analyst, ESRI (2011)
- 10-Hour General Industry and Safety, OSHA (2009)



## *REFERENCES*

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### **Kevin Claridge**

Director, Florida Coastal Office  
Florida Department of Environmental Protection  
[Kevin.Claridge@dep.state.fl.us](mailto:Kevin.Claridge@dep.state.fl.us)  
850-245-2101

### **Joelle Gore**

Chief, Stewardship Division  
NOAA Office for Coastal Management  
[Joelle.Gore@noaa.gov](mailto:Joelle.Gore@noaa.gov)  
240-533-0813

### **Bill O'Beirne**

Lead, Southeast and Caribbean Region  
NOAA Office for Coastal Management  
[Bill.Obeirne@noaa.gov](mailto:Bill.Obeirne@noaa.gov)  
240-533-0765

### **Kelly Samek**

Program Analyst/Gulf Regional Lead  
NOAA National Sea Grant Office  
(Former Florida Coastal Mgmt Program Administrator)  
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