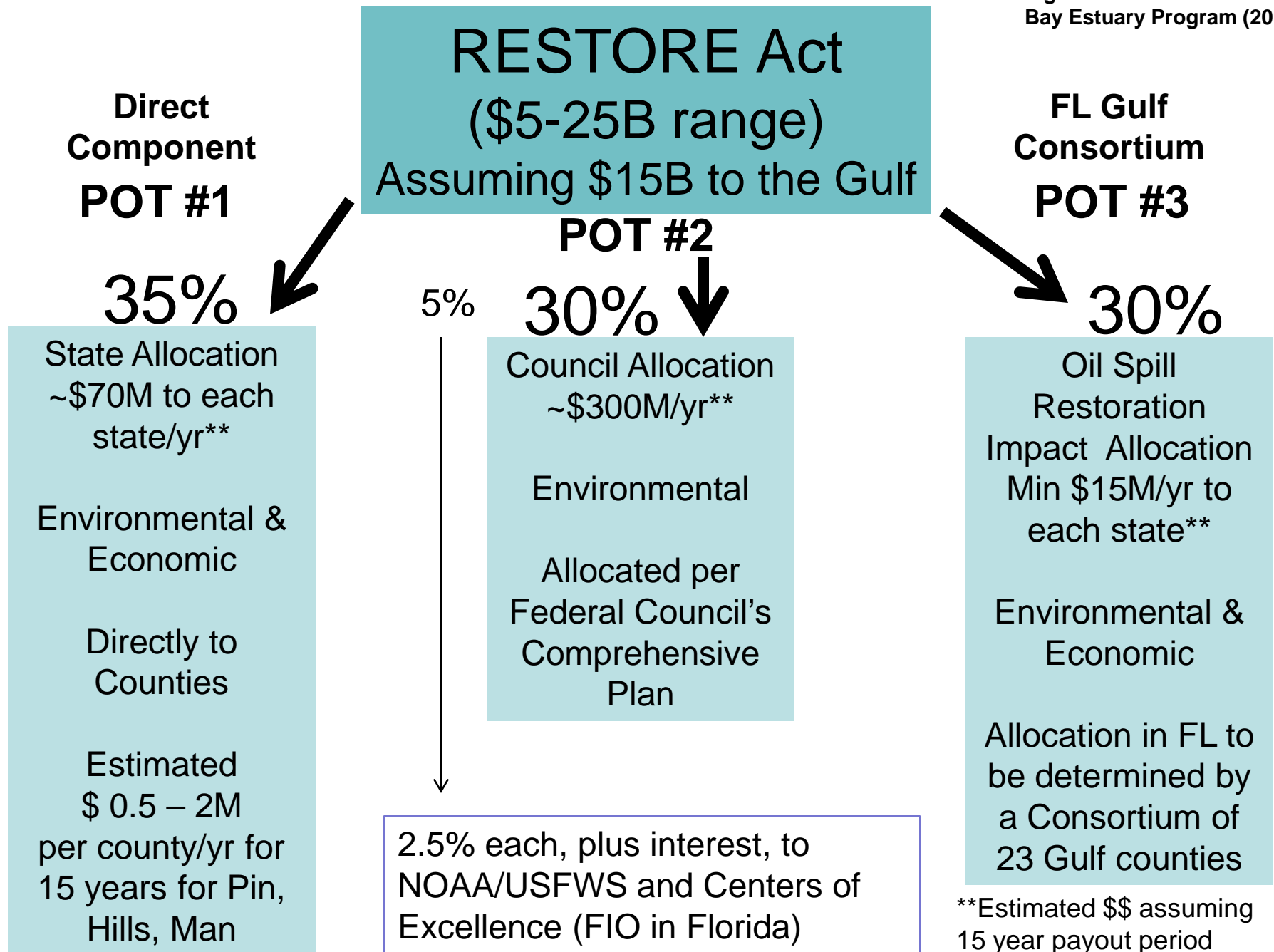


RESTORE ACT STATUS
& COUNTY STRATEGY
FOR USE OF
“DIRECT COMPONENT” FUNDS



USE OF RESTORE ACT FUNDS

- RESTORATION & PROTECTION OF NATURAL RESOURCES
- MITIGATION OF NATURAL RESOURCES
- IMPLEMENTATION OF A “FEDERALLY APPROVED” MARINE, COASTAL, OR CONSERVATION MANAGEMENT PLAN
- WORKFORCE DEVELOPMENT OF JOB CREATION
- STATE PARKS
- INFRASTRUCTURE PROJECTS BENEFITTING THE ECONOMY OR ECOLOGICAL RESOURCES
- COASTAL FLOOD PROTECTION
- PLANNING ASSISTANCE
- ADMINISTRATIVE COSTS
- PROMOTION OF TOURISM (INCLUDING RECREATIONAL FISHING)
- PROMOTION OF SEAFOOD CONSUMPTION

COUNTY STAKEHOLDERS

- DEI TRANSPORTATION AND STORMWATER
 - COASTAL, WATERSHED, & STORMWATER MANAGEMENT PROGRAMS
- DEI SOLID WASTE
 - ARTIFICIAL REEF PROGRAM
- PARKS & CONSERVATION RESOURCES
- ECONOMIC DEVELOPMENT
- CONVENTION AND VISITORS BUREAU
- PLANNING DEPARTMENT
- EMERGENCY MANAGEMENT
- CITIES
- NON-PROFITS
- FEDERAL, STATE, REGIONAL, & LOCAL ENVIRONMENTAL AGENCIES
- COMMERCIAL & RECREATIONAL FISHERMEN
- SEAFOOD INDUSTRY

**PINELLAS COUNTY RESTORE ACT
PROJECT GUIDELINES (Direct Component)
(8-15-13)**

OVERARCHING PROJECT GOALS - Projects should meet one or more of the following goals.

1. Provide countywide (and/or contribute to regional) environmental and/or economic benefits
2. Utilize a collaborative multijurisdictional approach emphasizing environmental stewardship and sustainable practices
3. Benefit the Gulf of Mexico ecosystem through one or more of the Gulf Coast Ecosystem Restoration Council's five goals:
 - a. Restore and Conserve Habitat,
 - b. Restore Water Quality,
 - c. and Protect Living Coastal and Marine Resources,
 - d. Enhance Community Resilience, and
 - e. Build and Revitalize the Gulf Economy
4. Support, further, or implement goals, objectives and policies as identified in the coastal management, natural resource, and/or economic element(s) of the Pinellas County Comprehensive Plan
http://www.pinellascounty.org/Plan/comp_plan/comp-plan.pdf
5. Provide protection and contingencies for future environmental damage
6. Represent adaptive, mitigative, or restorative strategies to address/protect against environmental or economic damage, and/or that promote resiliency and diminish future environmental and economic vulnerability.

PROJECT PRIORITIES

1. Provide stormwater quality improvements
2. Provide climate change/sea-level rise planning, adaptation and/or related community engagement
3. Promote recreational fishing and consumption of seafood dependent on Gulf ecosystem, and/or protect or promote working waterfronts.
4. Create policies, programs, and/or mechanisms to remediate environmental and/or economic damages or protect against future vulnerability
5. Provide flood and storm protection to infrastructure and other publically owned assets that consider resilience and changing sea levels.
6. Diversify and improve the economy including tourism
7. Implement, or further, actions in the Pinellas County Post Disaster Redevelopment Plan.

PINELLAS COUNTY “DIRECT COMPONENT” RESTORE ACT WORKING GROUP
MEMBERS TO INVITE (Revised 11-07-13)

County Staff

- Andy Squires, Environmental Services Manager, Environment & Infrastructure
- Liz Freeman, Strategic Planning & Initiatives
- Mike Meidel, Economic Development
- Libby Carnahan, Pinellas County & UF/IFAS Extension Marine Agent

Cities

- Bob Minning, BIG-C, Mayor of Treasure Island, Chair of TBRPC Agency on Bay Mgmt.
- Carlos Frey, P.E., City of St. Petersburg, NPDES Coordinator, St. Petersburg
- Elliot Shoberg, P.E., City of Clearwater, Environmental Manager, (*Alternate: Ed Chesney*)

Non-Governmental Organizations (NGOs)

- David White, Director, Gulf of Mexico Restoration Campaign, National Wildlife Foundation
- Peter Clark, Executive Director, Tampa Bay Watch
- Elizabeth Featherston, Ocean Conservancy, St. Petersburg, Marine Restoration Strategist, 449 Central Avenue, Suite 200, St. Petersburg, FL 33701, O: 727.369.6615, F: 727.895.8652, efetherston@oceanconservancy.org
- Cathy Harrelson, Sierra Club & Gulf Restoration Network, cathy@healthygulf.org, 727-415-8805
- Mark Rachal, Audubon, Sanctuary Manager, Florida Coastal Island Sanctuaries

Academia

- Mark Hafen, Ph.D., Dept of Geography, Environmental and Planning, USF with a specialty in urban and land use planning and climate change in coastal communities
- Ernst Peeples, Ph.D., USF College of Marine Science, Biological Oceanography, research focus on interactions between coastal fishes and their prey
- Mark Luther, Ph.D., USF College of Marine Science, Physical Oceanography, co-directs the Coastal Ocean Monitoring and Prediction System, research focus on real-time ocean observations with numerical ocean modeling of currents

Regional Agencies

- Lindsay Cross, Tampa Bay Estuary Program, Environmental Science and Policy Manager
- Bob McConnell, Tampa Bay Water (productive contributor on technical committees; knowledgeable about coastal/estuarine issues).
- Randy Runnels, Ph.D., Manager, FDEP Tampa Bay Aquatic Preserves

Fishing & Seafood Industry

- Mike Colby – President, Clearwater Marine Association, Vice-President, Charter Fisherman's Association, very interested in being on committee
- Frank Chivas, Bay Starr Restaurants Local Business Owner (Salt Rock Grill, Rumba, Salt Rock Tavern, Island Way Grill, Marlin' Darlin, Rumba); Frank@TBI.net, sits on Clearwater's Downtown Redevelopment Board and is a avid fisherman
- Dennis O'Hern, Executive Director, Fishing Rights Alliance for Recreational Fishing, 727-692-6902, dohern@tampabay.rr.com, FRA@tampabay.rr.com, dohern@tampabay.rr.com, FRA@tampabay.rr.com, Works with the Fishing Rights Alliance to develop strategy, membership and marketing tools. Works directly with members of Congress and their staff. Address large (up to 5000 people) groups on fisheries issues. Represent anglers on state and federal fisheries panels.
- Tracy Harris: South County resident, very active fisherman and interested in participating

PINELLAS COUNTY “DIRECT COMPONENT” RESTORE ACT WORKING GROUP (11-07-13)

	NAME	AFFILIATION	CATEGORY	WORK BIOGRAPHY
----- COUNTY STAFF -----				
1	Freeman, Liz	Planning & Strategic Initiatives	County Staff	
2	Meidel, Mike	Economic Development	County Staff	
3	Squires, Andy, M.S.	Environment & Infrastructure	County Staff	
4	Carnahan, Libby, M.S.	Florida Sea Grant Agent, UF/IFAs Extension, Pinellas County	County Staff	Libby Carnahan has 15 years experience teaching and researching marine science in Florida. She is the UF IFAS Extension, Sea Grant Agent in Pinellas County. In her position, she provides marine education and outreach to the community, government, and marine industries. Libby has a BS in Biology from Truman State University (1998) and a MS in Marine Science from University of South Florida, College of Marine Science (2005).
----- NON-COUNTY STAFF -----				
5	Shoberg, Elliot, P.E. <i>Alternate: Chesney, Ed</i>	City of Clearwater, Stormwater Mgr City of Clearwater, Environmental Mgr	City	Work Biography not yet received.
6	Chivas, Frank		Fishing & Seafood Industry	I'm very active in the waterfront community and support recreational/commercial fishing and gulf seafood consumption. I'm co-chair for Share the Gulf for state of Florida also I sit on numerous board Clearwater Marine Aquarium, Clearwater Community Sailing Center to name a few. I also own several seafood restaurants and a commercial fish house in Pinellas County. And willing and committed to attend monthly meeting.
7	Clark, Peter	Tampa Bay Watch, President and Founder Ecological Restoration in Tampa Bay	Non- Governmental Organization	<p>Peter A. Clark is the founder and President of Tampa Bay Watch, a non-profit environmental stewardship program established in 1993 to restore and protect the Tampa Bay estuary using community volunteers. Under his watch, the organization has coordinated more than 100,000 volunteers, installed 11,000 oyster reef units and 1,200 tons of oyster shell to create more than two miles of oyster shell reef communities, planted more than 1,000,000 salt marsh grasses to restore 300 acres of coastal tidal ponds to Tampa Bay. In 2005, Tampa Bay Watch completed construction of the \$4 million marine and education center in Tierra Verde, Florida.</p> <p>Until 1993, Mr. Clark served as Director of the Tampa Bay Regional Planning Council's Agency on Bay Management, an alliance of agencies charged with protecting the Bay. Mr. Clark has a BS in Marine Biology and over fifty professional publications on natural resource restoration, water quality and environmental planning. Mr. Clark also initiated the nomination, which ultimately led to the designation, of Tampa Bay into the EPA's National Estuary Program. Mr. Clark holds a US Coast Guard Captains License, received the “Outstanding Environmentalist of the Year” award from the Florida Marine Research Institute Environmental Excellence Awards program in 1994, the NOAA Fisheries / American Fisheries Society “Nancy Foster Habitat Conservation Award” in 2005 and the “13 Magnetic Men of 2013” award from PARC in 2013. Mr. Clark currently chairs the Board of Directors for the Restore America’s Estuaries, an alliance of coastal community-based restoration organizations.</p>

	NAME	AFFILIATION	CATEGORY	WORK BIOGRAPHY
8	Colby, Michael H.	Owner/operator Florida Coast Charters, DBA Double Hook Fishing Charters, President, Clearwater Marine Association /	Fishing & Seafood Industry	<p>Owner/operator Florida Coast Charters, DBA Double Hook Fishing Charters, President, Clearwater Marine Association, Vice- President, Charter Fisherman's Association, Member of the Gulf of Mexico Alliance (GOMA) Business Advisory Council, Member of the Gulf of Mexico Fishery Management Council (GPMC), Outreach and Education Advisory Panel.</p> <p>I feel that stakeholder input regarding the application of RESTORE resources should reflect an understanding of "best use" that will provide benefits for all. As we identify "targeted" needs, the challenge becomes building a consensus for the use of resources that will support the environmental and economic resilience of our coastal communities. As a member of the Pinellas County RESTORE Advisory Committee I will gather information, formulate questions and seek input and conversation with stakeholders to meet the objectives set forth in the Restoration Comprehensive Plan. I am confident that with a collective effort we can realize a responsible, shared stewardship of our natural resources.</p>
9	Cross, Lindsay, M.S.	Tampa Bay Estuary Program Environmental Science & Policy Manager Estuarine Restoration	Regional Agency	<p>I would be pleased to serve on the working group and think it would be an excellent way to ensure that the goals of restoring habitat and water quality, protect living coastal and marine resources, enhancing community resilience, and building/revitalizing the gulf economy are met in Pinellas County.</p> <p>I assisted with activities related to the development of the Southwest Florida Regional Ecosystem Restoration Plan which includes excellent projects within Pinellas County. I served as a liaison between TBEP and other organizations such as US Fish and Wildlife Service in collating and prioritizing projects for potential RESTORE Act funding. I currently manage several projects related to water quality improvement, habitat restoration, and community resilience that involve staff from Pinellas County, as well as other regional agencies. I have also served as a member of the Pinellas County Environmental Working Group.</p> <p>It would be prudent to have a member of the TBEP represented on the Pinellas County RESTORE Act Working Group to ensure that dual objectives are met and I would welcome the opportunity to serve in that capacity.</p>
10	Fetherston, Elizabeth, M.S.	Ocean Conservancy, St. Pete, FL / Marine Restoration Strategist for Gulf Restoration Program	Non- Governmental Organization	<p>Eight years with Ocean Conservancy in Pinellas County working on regional sustainability of fisheries focused on science, policy, management, and preservation of the social and economic importance of fisheries to the region. I am responsible for developing formal comments on RESTORE Act implementation frameworks, informational graphics depicting restoration funding pathways, internal working documents on advancing ecological restoration through different avenues and am intimately familiar with the requirements, limitations and possibilities for Florida Counties under RESTORE Act funding "Pot 1."</p> <p>The Conservancy works on developing and advancing science-based marine restoration priorities, strategies and projects to ensure the marine environment, resources, and ecosystem services are part of an ecologically comprehensive approach to restoring the Gulf of Mexico and are well-represented in the funding priorities and decisions of Gulf restoration programs. o Develop and advance Ocean Conservancy's marine restoration strategies leading to funding and execution of priority restoration projects, o Partner with regional businesses, governments, academia and other marine stakeholders in support of strong science-based marine restoration initiatives, o Communicate restoration funding pathways and processes to a diverse audience of state and local governments, stakeholders, regional business, and the media, o Facilitate coordination of regional Ocean Conservancy teams to produce meaningful restoration outcomes for the Gulf of Mexico and its communities, o Develop materials and messages in support of science-based marine restoration initiatives.</p>

	NAME	AFFILIATION	CATEGORY	WORK BIOGRAPHY
11	Frey, Carlos, P.E.	City of St. Petersburg, Senior Professional Engineer Stormwater	City	Carlos Frey is a professional engineer with a degree in environmental engineering and over 30 years of professional experience that includes water quality, stormwater, wetlands permitting, mitigation design, habitat restoration, NPDES permitting and hydrology. Prior to his current position as a senior professional engineer at the city of St. Petersburg where he handles stormwater and water quality issues, MS4 permitting and compliance and represents the city on various committees, Mr. Frey worked for the phosphate mining industry in central Florida permitting mining and restoration activities. He additionally worked for environmental and civil engineering consulting firms dealing with development projects and environmental remediation.
12	Harrelson, Cathy	Gulf Restoration Network	Non- Governmental Organization	<p>Ms. Harrelson has a long and varied background in environmental, land use, and other public use issues in and around Pinellas County. She currently serve on the county's Local Planning Agency, and as the Policy Co-Chair of the county's Environmental Science Forum (inactive), and I'm now part of the group that is creating a Sustainability Council in St. Petersburg. She works as the Florida RESTORE coordinator for the Gulf Restoration Network, and in sustainable business development for her own company, Emergent Strategic Consulting, LLC.</p> <p>The Gulf Restoration Network was the leading environmental organization in the formation of the Gulf Future Coalition, a group that drove a nationwide effort to pass the RESTORE Act in the U.S. Congress, with special attention to funding of local projects under local control. As the Florida Organizer for the Gulf Restoration Network, she reviewed the 671 RESTORE projects submitted to FDEP (as of June 1) through its RESTORE portal, carefully integrating projects recommended in the Southwest Florida Regional Ecosystem Restoration Plan, a varied stakeholder effort from the Florida Gulf National Estuary Program.</p> <p>She worked with many stakeholders in the development of the Pinellas County Fertilizer Ordinance, has experience in municipal finance as Vice President at William R. Hough & Company, and is currently working on Florida water protection and growing sustainable business in Tampa Bay.</p>
13	Harris, Tracy	Avid Fisherman, retired from land development business	Fishing & Seafood Industry	<p>From a personal standpoint, our family moved to the Tampa Bay area in 1956 and I have lived in Pinellas County continuously since 1985. We presently own three waterfront properties, two in Palm Harbor and our home in St Pete Beach. One of my daughters and all three of my step-sons live in Pinellas and the entire family participates in water sports constantly. One of my step-sons has been a deckhand on a charter boat out of the Clearwater Marina for more than three years and has passed all his tests for his USCG Captain's license. And although I've never used mine professionally, I've had my Captain's license since 1989. Saltwater fishing has always been the love of my life. I've owned at least one boat ever since I was discharged from the Air Force in 1964. Besides being an avid fisherman, my wife and I also enjoy cruising the inlets and creeks of Boca Ciega Bay. We would not trade our waterfront lifestyle for anything.</p> <p>During my career in the land development business, I witnessed the transformation that occurred from the 1950's, when the environment was considered an obstacle, down to the present time where intelligent planning in the utilization of our precious resources has produced tremendous benefits. Much of the damage that was done in the past can potentially be remedied by the RESTORE ACT funding. The opportunity to participate in such a program would allow me the chance to repay a small part of the many benefits that I have enjoyed as a resident of Pinellas County these past decades.</p>
14	Haven, Mark, Ph.D	Senior Instructor, USF Dept of Geography / Urban Planning in Coastal	Academia	Mark R. Hafen, Ph.D. is a Senior Instructor in the School of Geosciences at the University of South Florida in Tampa. He holds a B.S. in Business Logistics from Penn State University, and earned an M.A. in Geography and a Ph.D. in Marine Science, both from USF. His M.A. research focused on the distribution of Lead-alkyl contamination in Tampa soils, and his doctoral research focused on the dynamics of coastal sedimentary processes in the Gulf of Mexico near Pinellas County. He has professional experience in urban and land use planning in Florida, and is part of USF's Center for Brownfields Research and Redevelopment. He currently teaches courses in both the Environmental Science & Policy and Urban & Regional Planning degree programs at USF, focusing on:

	NAME	AFFILIATION	CATEGORY	WORK BIOGRAPHY
		Communities		<ul style="list-style-type: none"> • The role of natural ecosystems, such as estuaries and wetlands, in relation to human ecology. • Environmental regulation, policy, and planning issues in urban environments, particularly in coastal communities. • Urban response to climate change impacts, such as sea level rise.
15	Luther, Mark, Ph.D.	USF Marine Science, Associate Professor, Physical Oceanography	Academia	<p>Research: Maritime Safety and Security; Real-Time Ocean Observation Systems; Numerical Models of Ocean Circulation; Coastal Water Quality</p> <p>Dr. Luther is director of the Ocean Monitoring and Prediction Lab (http://ompl.marine.usf.edu) in the University of South Florida College of Marine Science, where he co-directs the Coastal Ocean Monitoring and Prediction System. Dr. Luther's research involves the combination of real-time ocean observations with numerical models of ocean currents and processes and their application to various problems ranging from maritime safety and security to water quality in estuaries to variability in large-scale ocean circulation and its relation to climate change. He has provided operation and maintenance support for the NOAA/NOS Tampa Bay Physical Oceanographic Real-Time System (TB-PORTS) since 1995. He is a founding member and past Chairman of the Board of Directors of the Alliance for Coastal Technologies (http://act-us.info), a NOAA-funded partnership of research institutions, resource managers, and private sector companies dedicated to fostering the development and adoption of effective and reliable sensors and platforms for coastal ocean monitoring. He presently serves on the Tampa Bay Harbor Safety and Security Committee Technical Subcommittee and the Tampa Bay Regional Planning Council Agency on Bay Management. He is Chairman of the Board for the Secrets of the Sea Marine Exploration Center and Aquarium and is chairman of the International Seakeepers Society Science Advisory Council (http://seakeepers.org/).</p>
16	McConnell Robert, M.S.	Tampa Bay Water, Environmental Scientist	Regional Agency	<p>I have lived and worked in Pinellas County for many years, and am very interested in assisting with the development of projects to meet RESTORE Act goals. My background includes wide-ranging experience with a regional public water utility and environmental consulting firms working for industrial, municipal and federal government clients. I am currently responsible for environmental programs and projects related to water supply production: seawater desalination, river withdrawals, groundwater wellfields, source reliability and regulatory compliance. My relevant experience includes water quality and biological monitoring programs in coastal habitats, watershed/water quality programs involving discharges and stormwater runoff, MFL and TMDL development and compliance, and the assessment of contaminants in Tampa Bay. I have also been an active member of several local groups addressing environmental resource management issues including the County's Environmental Science Forum, the Tampa Bay Estuary Program's Technical Advisory Committee, and the Nitrogen Management Consortium.</p>
17	Minning, Robert	BIG-C Member, Mayor City of Treasure Island	City	<p>Tampa Bay Regional Planning Council - Chair for Agency on Bay Management, approved by BIG-C to represent the BIG-C on the County's RESTORE Working Group</p>
18	O'Hern, Dennis	President Fishing Rights Alliance	Fishing & Seafood Industry	<p>For the past ten years, as leader of the Fishing Rights Alliance, I have been an advocate of sound fisheries science and management practices that maximize the economic and social value of our marine resources. Membership on many stock assessment panels, working groups and advisory panels on the state and federal level have provided me with a solid grasp of the economic and social fabric woven around the conservation of and access to our marine resources.</p> <p>Seeking solutions to defined problems, I originated several cooperative marine research projects in partnership with</p>

	NAME	AFFILIATION	CATEGORY	WORK BIOGRAPHY
				FWC and National Marine Fisheries Service, in the process becoming a scientific research diver. A B.S. in Business Management and Administration has provided valuable insight for my understanding of the economics of fisheries. As a lifelong recreational angler and boater, this 30-year resident loves Pinellas County and would be honored to help protect, restore and enhance our marine resources.
19	Peebles, Ernst, Ph.D.	USF Marine Science, Associate Professor, Biological Oceanography	Academia	<p>My students and I study how different habitat characteristics influence the growth, survival, and reproduction of coastal fish and shellfish. We work across a very broad spectrum that ranges from the physical and molecular levels (e.g., light environment and nutrients) to levels of response by entire biological communities. We use various technologies to determine where fish have spent their lives and also which processes have supported them as they occupy different habitats.</p> <p>In the weeks that followed the DWH explosion, I served as Chief Scientist on a cruise that documented subsurface oil that had moved north and east of the blowout site, suggesting some parts of the West Florida Shelf would be impacted by the spill. We have since been looking for evidence that subsurface oil affected fish in "farfield" areas of the West Florida Shelf (Pensacola to the Florida Keys). Specifically, we are using stable isotopes to determine fish movement tendencies (site fidelity) and are using laser-ablation ICP-MS to look for trace-metal anomalies in the outer parts of fish ear stones (otoliths). We are finding anomalies, but have not yet interpreted them.</p>
20	Rachal, Mark	Audubon, Sanctuary Manager, Florida Coastal Islands Sanctuaries	Non-Governmental Organization	Mark Rachal has worked for Audubon's Florida Coastal Islands Sanctuaries since 2006 and is currently the Sanctuary Manager. His duties include bird surveys, habitat management and bird sanctuary conservation. Mark has a Bachelor of Science degree from Davidson College and conducted graduate work at Eastern Michigan University. Mark has participated in formulating and submitting highly rated Audubon projects recommended by the regional National Estuaries Programs for funding through the RESTORE Act. In addition, he has attended and provided input at the Gulf Council Task Force listening sessions in Tampa Bay. Mark is an active member of the Tampa Bay Regional Planning Council's Agency on Bay Management and co-authored the chapter on bird populations in the Tampa Bay Estuary Program's 2002-2005 Baywide Environmental Monitoring Report. Mark worked on the Roseate Spoonbill banding project in Tampa Bay and has surveyed many of the waterbird colonies along the Gulf Coast of Florida. He is a member of the U. S. Fish and Wildlife Service's Reddish Egret Working Group and the American Oystercatcher Working Group."
21	Runnels, Randy, Ph.D.	Manager, FDEP Tampa Bay Aquatic Preserves	Regional Agency	Work Biography not yet received.
22	White, David, M.S., J.D.	Director, Gulf of Mexico Restoration Campaign, National Wildlife Foundation	Non-Governmental Organization	David White is Director of the National Wildlife Federation's Gulf of Mexico Restoration Campaign and is a leading advocate for ecosystem-scale restoration projects to address long-term impacts to coastal habitats in the Gulf, focusing on implementation of the RESTORE Act to fund restoration of estuaries and ecosystems along the US Gulf Coast. He has authored policy comment letters on behalf of NWF on the Gulf of Mexico's Ecosystem Restoration Council's Draft Interim Comprehensive Plan, the Draft Programmatic Environmental Impact Statement for the BP Oil Spill Natural Resource Damage Assessment, and the Draft Treasury Regulations for implementing the RESTORE Act. From 2000 to 2009 he was Director of Ocean Conservancy's Southeast Atlantic Regional Office, where he was responsible for conservation work on regional fisheries, marine wildlife, and habitat protection issues. Previously, Mr. White served as Regional Counsel for the National Wildlife Federation in Atlanta, Georgia, where he litigated cases under the Endangered Species Act, Clean Water Act, and other federal environmental statutes. He is a past Chair and Board Director of the Florida Wildlife Federation and also serves as President of the Everglades Law Center. Mr. White received his J.D. with Honors from the University of Florida College of Law, a Master of Science in Wildlife Ecology from the University of Florida School of Forest Resources and Conservation, and a Bachelor of Science in Zoology from the University of Florida.