



The St. Petersburg Ocean Team is the premier consortium for marine science, oceanographic, and environmental research agencies and institutions in the Southeast and one of the top such industry clusters in the nation. Industry “clusters”, like the Ocean Team are groups of competing, complementary, and interdependent firms, economic actors, and institutions that are located near one another and that draw productive advantages from their proximity and connections as well as the similarities between their workforce and vendor needs.

The St. Petersburg Ocean Team is one of the most important economic drivers for the City of St. Petersburg. In addition to being the home of the largest concentration of marine scientists in the southeast, it is estimated that the St. Petersburg Ocean Team and its related cluster agencies and businesses employ over 1,600 people. These employees generate an estimated \$143 million in annual household earnings and contribute \$251 million to Pinellas County’s Gross County Product.

The continued growth of the St. Petersburg Ocean Team and its members will mean that likeminded research institutions and agencies, as well as businesses seeking to capitalize on technology transfer will continue to locate nearby. This will amplify the synergies between the organizations along with not only their impact on the scientific community but also their economic impact on the city, surrounding region, as well as the entire state. The Ocean Team representatives meet on an ongoing basis with St. Petersburg Mayor Bill Foster and his staff in order to continue the dialogue between the members.

<i>St. Pete Ocean Team Member</i>	<i>Member Description</i>
University of South Florida: College of Marine Science, Center for Ocean Technology (COT), & Research Foundation	<ul style="list-style-type: none"> <li>• The College of Marine Science is focused on interdisciplinary research in marine science at the graduate level; focusing on the fields of Biological, Chemical, Physical, and Geological Oceanography.</li> <li>• In 2008, the 22 ranked faculty members recorded more than \$21 million in research funding.</li> <li>• 111 enrolled graduate students and 32 Post Doctoral Fellows.</li> <li>• Endowments of \$16 million promote 22 fellowships averaging from \$10,000 to \$22,000</li> <li>• Ocean Team Representative: Dean Bill Hogarth, Ph.D.</li> <li>• <a href="http://www.marine.usf.edu">www.marine.usf.edu</a></li> </ul> <ul style="list-style-type: none"> <li>• Established in 1995, the Center for Ocean Technology provides development engineering expertise and at-sea support to the</li> </ul>

	<p>College of Marine Science at the University of South Florida.</p> <ul style="list-style-type: none"> <li>• COT is dedicated to advancing technology in oceanographic research through active collaboration with the Faculty and researchers of the College of Marine Science. COT has been instrumental in the development of leading-edge biological, chemical, and physical oceanographic sensors.</li> <li>• The technical staff of COT is comprised of electrical, mechanical and software engineers employed by the College of Marine Science. The COT technical staff possesses significant expertise in underwater vessel fabrication, acoustics, RF systems, networking, and real-time control systems.</li> <li>• Ocean Team Representative: Tom Piazza, USF- College of Marine Science, Director of Development</li> <li>• <a href="http://www.marine.usf.edu/COT/">www.marine.usf.edu/COT/</a></li> <li>• The USF <b>Research Foundation</b> was established in June 1989 to promote, encourage and provide assistance to the research activities of University of South Florida faculty, staff and students.</li> <li>• Not-for-profit organization provides a means by which discoveries, inventions, processes and work products of the USF faculty, staff and student can be transferred from the University laboratory to benefit the public. Funds generated by such discoveries are used to enhance research at the University.</li> <li>• Ocean Team Representatives: Karen Holbrook, PhD. and Rod Casto, Ph.D., Vice-Presidents of Research and Innovation at USF</li> <li>• <a href="http://research.usf.edu">http://research.usf.edu</a></li> </ul>
<p>Florida Fish and Wildlife Conservation Commission: Fish and Wildlife Research Institute (FWRI)</p>	<ul style="list-style-type: none"> <li>• State-wide research programs that focus on obtaining the wide ranging information needed by fish, wildlife, and ecosystem resource managers.</li> <li>• Collaborative partnerships with other government, academic, non-profit, and private fish and wildlife research institutions.</li> <li>• Ocean Team Representative: Gil McRae, Director, Florida Wildlife Research Institute</li> <li>• <a href="http://www.floridamarine.org">www.floridamarine.org</a></li> </ul>
<p>SRI – St. Petersburg</p>	<ul style="list-style-type: none"> <li>• SRI is a global independent research and development organization involved with a wide variety of programs associated with technology transfer</li> <li>• SRI – St. Petersburg’s Marine Technology program was created through a unique collaboration between SRI, the City of St. Petersburg the state of Florida, Pinellas County, local civic organizations, and the University of South Florida's Center for Ocean Technology.</li> <li>• Ocean Team Representative: Walter McCracken, Ph.D., Deputy</li> </ul>

	<p>Director</p> <ul style="list-style-type: none"> <li>• <a href="http://www.sri.com">www.sri.com</a></li> </ul>
U.S. Geological Survey Center for Coastal & Wetland Studies (USGS)	<ul style="list-style-type: none"> <li>• -60 full time staff persons and -50 adjunct professionals, including: geologists, biologists, hydrologists, remote sensing specialists, biogeochemists, microbiologists, fish ecologists, and coral reef experts.</li> <li>• The USGS investigates scientific processes related to societal problems arising in coastal and marine environments, including natural hazards, resources, and environmental change.</li> <li>• Ocean Team Representative: Jack Kindinger, Associate Center Director</li> <li>• <a href="http://coastal.er.usgs.gov/">http://coastal.er.usgs.gov/</a></li> </ul>
National Oceanic and Atmospheric Administration (NOAA): National Marine Fisheries Service	<ul style="list-style-type: none"> <li>• Southeast regional office with -135 employees</li> <li>• Entrusted with the conservation, management, and protection of marine fishery resources inhabiting federal waters off the southeastern US from North Carolina through Texas, Puerto Rico, and the US Virgin Islands.</li> <li>• Regions focal point for implementing NMFS' primary legislative authority for fisheries management and research.</li> <li>• Ocean Team Representative: Buck Sutter, Deputy Regional Administrator</li> <li>• <a href="http://www.noaa.gov">www.noaa.gov</a></li> </ul>
International Ocean Institute (IOI)	<ul style="list-style-type: none"> <li>• Non-profit, non-governmental international organization devoted to the sustainable development of the oceans</li> <li>• Active consultant with the United Nations Council on ethical and worldly principles encompassing oceanic research and activity.</li> <li>• Ocean Team Representative: Mara Hendrix</li> <li>• <a href="http://www.IOInst.org">www.IOInst.org</a></li> </ul>
Tampa Bay Estuary Program	<ul style="list-style-type: none"> <li>• An intergovernmental partnership that coordinates bay restoration and protection.</li> <li>• Charged with implementing a comprehensive management plan for Tampa Bay</li> <li>• Ocean Team Representative: Nanette O'Hara, Public Outreach Coordinator</li> <li>• <a href="http://www.tbep.org">www.tbep.org</a></li> </ul>
The Florida Institute of Oceanography	<ul style="list-style-type: none"> <li>• Established to provide a central shared use infrastructure to support the state's ocean science education and research programs</li> </ul>

	<ul style="list-style-type: none"> <li>• Institute was designed to minimize the expensive duplication of sea-going facilities and equipment needed by the state's academic &amp; agency research and training programs</li> <li>• Research vessels that support biological, seismic, geological, environmental, weather, and physical research disciplines</li> <li>• Ocean Team Representative: Jonathan Ogden, Ph.D., Director</li> <li>• <a href="http://www.marine.usf.edu/FIO">www.marine.usf.edu/FIO</a></li> </ul>
<p>U.S. Coast Guard Sector St. Petersburg</p>	<ul style="list-style-type: none"> <li>• The USCG monitors marine activity for Tampa Bay and Egmont Channel daily</li> <li>• ~ 33 station personnel and ~299 assigned to cutters and cruisers</li> <li>• Responsible for electronic support detachment</li> <li>• Ocean Team Representative: Captain Timothy Close</li> <li>• <a href="http://www.uscg.mil">www.uscg.mil</a></li> </ul>
<p>USF - St. Petersburg</p>	<ul style="list-style-type: none"> <li>• USF-St. Petersburg Campus was established in 1965 adjacent to Bayboro Harbor in St. Petersburg. Currently the campus has nearly 5,000 students attending classes. The University offers 26 undergraduate and 12 graduate degrees.</li> <li>• USF's Master Plan calls for at least another 330,000 SF of academic, support services, and office space on campus, intending to have nearly 11,000 students. Key upcoming projects include Science and Technology buildings, support services, student union, acquisition/expansion of current Dali building, and the remaining phases of the student housing complex.</li> <li>• Ocean Team Representative: Helen Levine, Ph.D., External Affairs</li> <li>• <a href="http://www.stpt.usf.edu">www.stpt.usf.edu</a></li> </ul>
<p>The Pier Aquarium</p>	<ul style="list-style-type: none"> <li>• The Pier Aquarium is a 2,000 sq. ft. aquarium and marine education center established in 1988 as a 501(c) 3, not-for-profit organization.</li> <li>• Founding sponsors include the University of South Florida College of Marine Science, the National Marine Fisheries Services, Florida Sea Grant, Pinellas County Schools, Florida Progress, Inc., <i>St. Petersburg Times</i> and Chase Bank of Florida.</li> <li>• The Aquarium's marine education staff – students from local colleges and universities – translates the scientific information on the oceans, aquatic animals, conservation and up-to-date environmental issues to Tampa Bay area students, teachers, residents and visitors.</li> <li>• Ocean Team Representative: Howard Rutherford, President &amp; CEO</li> <li>• <a href="http://www.pieraquarium.org">www.pieraquarium.org</a></li> </ul>