



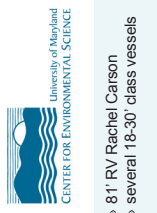

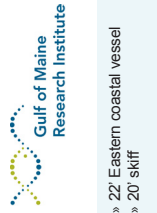

	<ul style="list-style-type: none"> <li>» 274' RV Atlantis</li> <li>» 238' RV Neil Armstrong</li> <li>» 60' RV Toga</li> </ul>	<ul style="list-style-type: none"> <li>» 185' RV Endeavor</li> <li>» 53' RV Cap'n Bert</li> <li>» 20 skiff</li> <li>» 199' RCRV (2021)</li> </ul>	<ul style="list-style-type: none"> <li>» Multiple gliders &amp; various undersea robotics through the work of a cohort of GSO &amp; Ocean Engineering faculty</li> </ul>	<ul style="list-style-type: none"> <li>» Iselin Marine Facility &amp; pier</li> <li>» 2 berths: 430' and 256'</li> <li>» Facilities for heavy construction of mooring structures, dredges, and core samplers.</li> </ul>
	<ul style="list-style-type: none"> <li>» 20' Carolina Skiff</li> <li>» Pontoon Boat</li> </ul>	<ul style="list-style-type: none"> <li>» 1 glider</li> <li>» 1 REMUS with microbalance sensor suite</li> <li>» HF radar array</li> <li>» optics and CTD profilers</li> <li>» towed CTD package</li> </ul>	<ul style="list-style-type: none"> <li>» Pier access to Clark's Cove</li> <li>» Meteorological station</li> </ul>	<ul style="list-style-type: none"> <li>» GSO pier - 100' L-shaped fixed dock</li> <li>» Marine Ops. &amp; Logistics</li> <li>» Pier enhancements in process to accommodate the RCRV.</li> </ul>
	<ul style="list-style-type: none"> <li>» Underwater camera systems for assessing fish and invertebrate abundance</li> </ul>	<ul style="list-style-type: none"> <li>» Acoustic tagging systems</li> <li>» ocean color and AVHRR remote sensing image processing</li> </ul>	<ul style="list-style-type: none"> <li>» Underwater camera systems for assessing fish and invertebrate abundance</li> </ul>	<ul style="list-style-type: none"> <li>» Inner Space Center, providing telepresence services to the academic research fleet</li> </ul>
	<ul style="list-style-type: none"> <li>» 50' RV Lucky Lady</li> </ul>	<ul style="list-style-type: none"> <li>» 16-core Server with four quad-core Intel Xeon 2.4 Ghz CPU's and 16 GB of RAM, 4 core computational units, file server with 32 TB. Access to Advanced Computing Group's clusters.</li> </ul>	<ul style="list-style-type: none"> <li>» Automated imaging systems: IFCB and UVP-5HD</li> <li>» Automated OA of oceanographic observations</li> <li>» NASA Seabass and NOAA IOOS Open data sharing guidelines/formats</li> </ul>	<ul style="list-style-type: none"> <li>» Advanced modeling of the Narragansett Bay via a network of instrumentation managed by GSO.</li> </ul>
	<ul style="list-style-type: none"> <li>» 36' RV IRA C</li> <li>» 41' RV C-BOLD</li> <li>» 27' Eastern coastal vessel</li> <li>» 22' Hydra-Sports Ocean</li> </ul>	<ul style="list-style-type: none"> <li>» Auto-analyzer nutrient analysis laboratory, phytoplankton culturing facilities</li> <li>» Dedicated satellite data ingest, processing and analysis laboratory</li> </ul>	<ul style="list-style-type: none"> <li>» Customization of buoy control and telemetry systems</li> <li>» Underwater vehicle facilities</li> <li>» Glider missions</li> <li>» CTD systems</li> <li>» small boat operations</li> </ul>	<ul style="list-style-type: none"> <li>» Aquaculture; HP computing</li> <li>» Satellite image processing</li> <li>» Seawater culture facility</li> <li>» GIS</li> <li>» Remote sensing</li> </ul>
	<ul style="list-style-type: none"> <li>» 81' RV Rachel Carson</li> <li>» several 18-30' class vessels</li> </ul>	<ul style="list-style-type: none"> <li>» Large running sea water facilities at both CBL and HPL</li> </ul>	<ul style="list-style-type: none"> <li>» Active and passive acoustic fish tags</li> <li>» range of optical and sonar based towed imaging systems</li> <li>» next gen sequencing</li> <li>» ultra high resolution mass spectrometry</li> <li>» sampling gear</li> </ul>	<ul style="list-style-type: none"> <li>» HP Computing Center with 1500+ core parallel-processing cluster and ~400 terabytes of redundant disk storage</li> </ul>
	<ul style="list-style-type: none"> <li>» 34 Gliders</li> <li>» automated robotic kayak</li> <li>» in situ sensors</li> <li>» drones</li> <li>» coastal moorings</li> <li>» bio-optics</li> </ul>	<ul style="list-style-type: none"> <li>» Marine, Estuarine, Environmental Science program. Covers programs in oceanography, fisheries science, environmental chemistry, ecology</li> </ul>	<ul style="list-style-type: none"> <li>» Research Fleet Operations Center (Research piers at CBL and HPL)</li> </ul>	<ul style="list-style-type: none"> <li>» M.S. and Ph.D. degrees in Marine, Estuarine and Environmental Science, M.S. and Ph.D. degrees in Toxicology</li> </ul>
	<ul style="list-style-type: none"> <li>» 22' Eastern coastal vessel</li> <li>» 20' skiff</li> </ul>	<ul style="list-style-type: none"> <li>» Full seawater culture capability, aquaculture research, a joint RU/business Aquaculture Innovation Center</li> </ul>	<ul style="list-style-type: none"> <li>» L-Band &amp; X-band satellite receiving stations</li> <li>» full metagenomic sequencing labs</li> <li>» programmer/developer of NOAA glider DAC</li> <li>» active and passive acoustic arrays</li> <li>» coastal atmospheric LIDAR and Wind Tracer unit</li> <li>» triple nested HF Radar network</li> </ul>	<ul style="list-style-type: none"> <li>» Environmental Systems Laboratory (ESL); dedicated saltwater research facility for marine aquaculture and coastal biology research</li> </ul>
	<ul style="list-style-type: none"> <li>» Direct waterfront access</li> <li>» floating dock (in 2019)</li> </ul>	<ul style="list-style-type: none"> <li>» Developed cloud-based environment, currently used by NERACOOS and IOOS, for managing oceanographic data.</li> </ul>	<ul style="list-style-type: none"> <li>» Echosounder system with 3 split-beam transducers</li> <li>» cameras and modified fishing gear</li> <li>» Interactive Learning Center with state of the art IT &amp; AV</li> </ul>	<ul style="list-style-type: none"> <li>» Machine shop and mechanical group. Facilities for heavy construction of mooring structures, dredges, and core samplers.</li> </ul>
	<ul style="list-style-type: none"> <li>» Operates the Marine Resource Education Program. Outreach with fishery stakeholders &amp; communities. Developing technology for electronic monitoring/reporting in fisheries. Extensive collaborative research</li> </ul>	<ul style="list-style-type: none"> <li>» Dedicated outreach teams through Departments of Marine &amp; Coastal Sciences, Agricultural Experiment Station and Departments of 4H</li> </ul>	<ul style="list-style-type: none"> <li>» Undergrad Degrees: Marine and Coastal Sciences (Bio, Chem, Geo, Physical), Ecology and Evolution, Minor in Fisheries Science, Undergraduate Glider School, Mid-Atlantic Summer REU program</li> </ul>	<ul style="list-style-type: none"> <li>» SURFO student program; strong collaborations with URI's communications school to advance science journalism &amp; media production</li> </ul>