

Research Department Update December 19, 2018

Timeline of Recent Research and Restoration Events

November 15 – Kathryn Tiling gave a presentation on FOSTER as part of the Eco-Evenings Lecture Series hosted by the Manatee Observation and Education Center.

November 16 – Glenn Coldren met with FWC and Palm Beach Environmental resources to discuss oyster reef restoration in MacArthur State Park and provided advice on restoration efforts. Agreed to partner to perform experiments to coincide with their large scale restoration and provided a letter of support.

November 28 – Intern Sydney Martinez presented her FOS oyster work as part of the intern program at Clark High School. Glenn Coldren attended.

November 29 – 24 volunteers came out to make 347 bags for future oyster reef restoration with Glenn Coldren.

November 30 – Tank order for seagrass nursery expansion was delivered. Research department registered for IRL symposium with Kathryn Tiling and intern Arielle Velazquez submitting two abstracts. Kathryn Tiling is also co-author on a third abstract from UF. Intern Chelsea Hayes presented her FOS secchi disk research project at the IRSC Biology Sciences Undergraduate Research Symposium.

December 5 – Kathryn Tiling attended and promoted seagrass collections with Sailfish Point Beach cleanup group. Pam Hopkins met with other Lagoon Watch members in Bay Palm to discuss development of an IRL wide water quality monitoring program.

December 7 – Glenn Coldren and Kathryn Tiling attended and presented at the Science Friday hosted by Loxahatchee River District Research group. Pam Hopkins also attended the meeting.

December 13 – Pam Hopkins attended the quarterly ANRAC meeting.

December 14 – Met with Vincent Encomio, Florida Sea Grant, regarding partnerships on upcoming NOAA community-based habitat restoration grant.

December 17 – Pump order for seagrass nursery expansion was delivered. Glenn Coldren, Kathryn Tiling and intern Arielle Velazquez continued oyster spat recruitment project. Gabriel Kammel-O'Donnell began as shell collection coordinator.

December 18 – Wood delivered to continue construction of nursery tables as part of the seagrass expansion.

Research Interns:

▪ **Current Interns:**

- Chelsea Hayes, IRSC: water quality program intern working on secchi disk v. tube study
- Arielle Velazquez, IRSC: living shoreline projects and oyster spat recruitment project
- Sydney Martinez, High School Clark Intern: living shoreline projects and oyster spat recruitment project