

## **CZSS Focus Team FY18 Accomplishments**

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Established the CZSS focus team with 18 members, setup website ([www.mapcoast.org](http://www.mapcoast.org) ), bi-weekly teleconferences. All minutes posted to SharePoint.

Hosted 2018 CZSS Planning Workshop in Savannah Georgia with 30 participants from various state and federal groups - [http://nesoil.com/sas/2018\\_WPC.html](http://nesoil.com/sas/2018_WPC.html)

Developed a CZSS conference display/banner and fact sheet (phot available).

Published CZSS map story - <https://nrms.maps.arcgis.com/apps/MapJournal/index.html?appid=7055b24bce4f4967a9bb8594f7f718e4>

Worked with Interpretations group on developing a series of subaqueous soils interpretations that are on WSS. Can provide list of interps and metadata.

Numerous presentations, conferences, workgroups (Rob has list).

Organized special CZSS symposium at CERF and RAE meeting.

Wrote coastal blue carbon proposal to collect needed carbon data on tidal marshes. Worked with others on developing protocol. RI secured funding to sample CBC on RI salt marshes.

New areas completed in CT (Niantic Bay), Mid-Atlantic and began work on new areas (Great Bay NH, Jamaica Bay NY, Maine tidal marshes, Mid-Atlantic).

Region 3: Reestablished contact with SJRWMD on establishing project in St. Johns River Water Management District.

Region 3: Communicated with MO office, Greg Taylor and Rob Tunstead to work with Dr. Ellis on SAS work in the "Lagoons."

Region 3: Reviewed Spatial Data as shared by Rob Tunstead and Dr. Ellis.

Region 3: Designed Spatial Analysis maps to review existing landform map created by Tunstead

Region 3: Participated in planning meeting.

Region 3: Communicated with 7-Fort Myers personnel Martin Figueroa and SSOL Craig Prink on various approaches toward mapping the "Lagoons"

Region 3: Established CZSSI subaqueous soil pilot project.

Region 3: Based on GA SSS, Jim Lathem, established and wrote working project for Bryan and Chatham Counties, first phase of several Coastal soil survey spatial edits.

Region 3: Continued contact with National Fish and Wildlife Foundation coastal projects and personnel in various areas in 3-rhi including the St. John's River watershed.

Region 3: Made a presentation to the Coastal Soil and Water Conservation District concerning Soil Surveys and Living Shorelines.

Region 3: Participated in Living Shorelines monitoring effort conducted by the Nature Conservancy to gain understanding of the process and how it best serves soil interpretations in the future.

12-TOL crew has sampled tidal marsh sites in RI for 2019 conference including TLD site on the Narrow River.

12-TOL crew has sample coastal erosion site with sand over wash at Matunuck, RI also a 2019 field trip stop.

12-TOL crew has described and sampled 15 of the 30 Jamaica Bay cores, work is ongoing to get the samples to the KSSL. 1st Shipment to go out this week. JB is not just a pile of sand finding all textures mud, sand, gravel etc. Paleo -Aquods observed in some cores, old AWC swamps?

4,360 year old oyster shell found in Great Bay NY, 185 cm below the surface in one of our cores. These are some ancient oyster reefs. (See attached C14 data) 12-Tol crew sent in 5 SAS pedons to KSSL for lab work from Great Bay, NH.

Renewed Interest from MV commission in mapping 2 coastal ponds on Martha's Vineyard, a 12-TOL approved project on the books for 2019. Good training opportunity, we are down a soil scientist with Jacob going to CT-NRCS as a Resource SS, may need some help on the project.