



HMS Florida
Quarterly Report – January/February/March 2020
Sarah Miller, Director
Patty Meyers, HMS Florida Project Manager
Kassie Kemp, HMS Florida Database Manager

Assistance to DHR: HMS Project Management Activities

Patty continued to work with BAR, FDEP, and FWC to identify opportunities to support land managers' site monitoring activities. She met with FDEP to present Arches updates and plan for a future presentation to the FDEP district managers. She also submitted six permits to BAR and received approval for three permits (GTM NERR, Wacassassa, and Charlotte Harbor). Patty is working with staff in each region on an additional eight permits. She also worked with Brandon Ackermann at BAR to identify 3D scanning justification requirements. The Turtle Bay Two site at Charlotte Harbor was used as a test justification, which was approved and is included in the approved Charlotte Harbor permit.

In addition, Patty and Kassie accompanied the NE/EC region as they monitored the GTM NERR. This monitoring trip resulted in multiple FMSF updates. Patty met with staff at the FMSF to discuss how they would like to receive updates and design a workflow to best meet their needs.

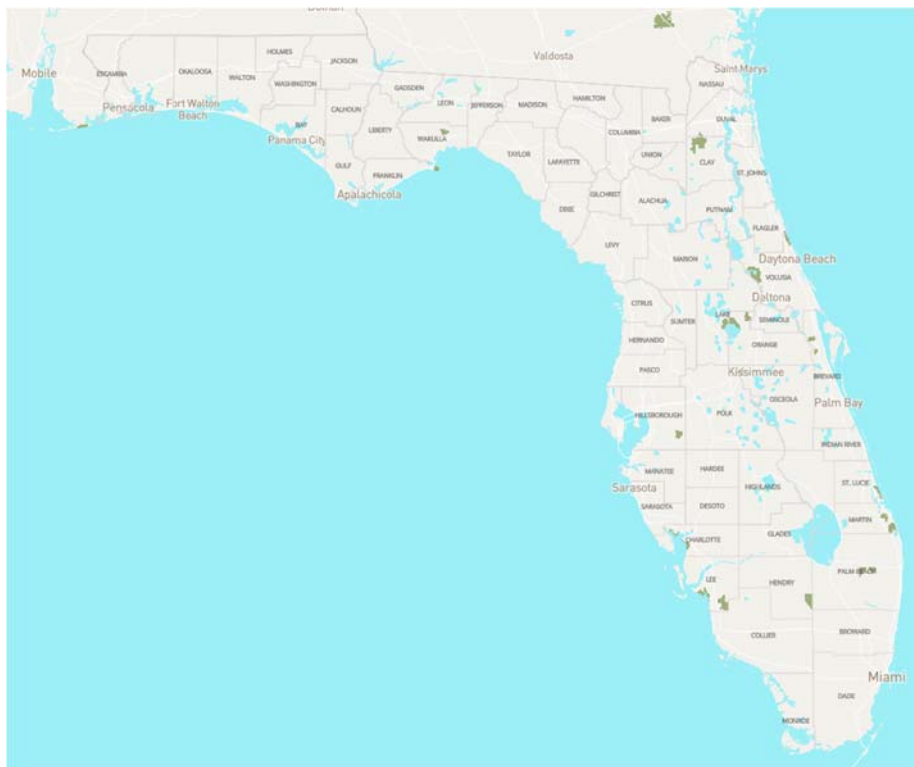


Arrow Mapping at the GTM NERR

Volunteer Opportunities: HMS Database Management Activities

Kassie focused on Arches updates and improvements. She worked in conjunction with Patty to communicate with land managers in order to create and improve their Arches accounts. Kassie completed accounts for the St. Johns River Water Management District and is working to add all Florida Fish and Wildlife land managing unit boundaries to Arches. She also aided Adam Cox of Legion GIS in implementing and testing the new Arches 5 update which will go live in April. In addition to these Arches improvements, Kassie is also creating map overlays, including county and FPAN region boundaries, that will be available to view in Arches once completed.

Kassie also completed content for our 1A-32 permits to the State for monitoring. She aided FPAN staff to create maps and other supplemental information for more than ten state permits in progress state-wide.



This view illustrates Kassie's newly design map that will replace the current Arches map and provide an additional layer of information. Adding counties provides simple locational markers that are currently missing in Arches.

FPAN in the Media

NPR All Things Considered, March 12, 2020: Protecting and Preserving Ancient Sites at Risk From Sea-Level Rise in Florida <https://www.npr.org/2020/03/10/812972727/protecting-and-preserving-ancient-sites-at-risk-from-sea-level-rise-in-florida>