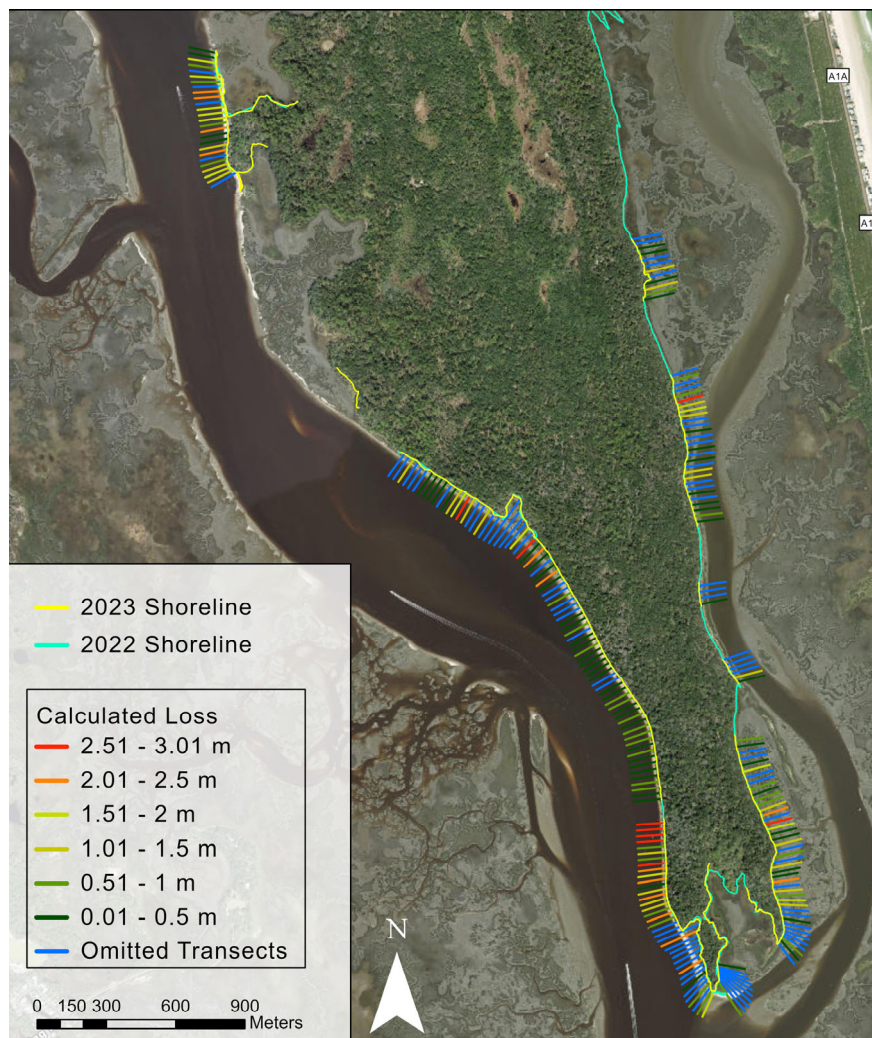## Volunteer Opportunities: HMS Database Management Activities

Kassie gathered documents and links to finalize the public Open Science Framework (OSF) webpage for the NERRs collaborative science grant. Kassie also worked with Emily Jane Murray on a SEAC paper and Journal of Field Archaeology article submission. The paper and article focused on the shoreline monitoring project conducted during the NERRS collaborative science grant. Kassie and Emily Jane used the Digital Shoreline Analysis System (DSAS) created by the USGS to calculate shoreline loss at the Guana Peninsula for the two years of the grant. Kassie worked closely with FPAN staff to complete site file updates for archaeological sites and cemeteries in the Northeast and East Central regions. Kassie and HMS scout Chris Nolan worked together to complete updated and new FMSF forms for cemeteries in the Northeast Region visited by FPAN staff and cemeteries Chris visited while in Florida.

Kassie continued to work with Rachael Kangas to revamp the HMS Florida Course Portal in Canvas. Kassie and Rachael created content for the new Canvas website and reviewed material created for the new modules. Kassie worked on QRQC and updates for the HMS Florida Arches Database. She collaborated with Adam Cox at Legion GIS to fix bugs and glitches and clean up Scout Report entries in Arches. Kassie continued to attend Arches US User Group meetings.

The DSAS tool allowed Kassie and Emily Jane to calculate shoreline loss at archaeological sites at the Guana Peninsula. The tool recorded as much as 3 m of loss in one year at certain sites on the peninsula.