

Supplementary Materials



Figure S1. Photograph of one of the salt marsh surface sample collection sites at Ponce Preserve Park near Ponce Inlet, FL. The salt marsh location is dominated by *Spartina alterniflora*, with minor *Juncus roemerianus* and less commonly other species. The marsh is bounded by a black mangrove-dominated system (many of the distant mangroves in image), with white and red Mangrove present in minor abundance.

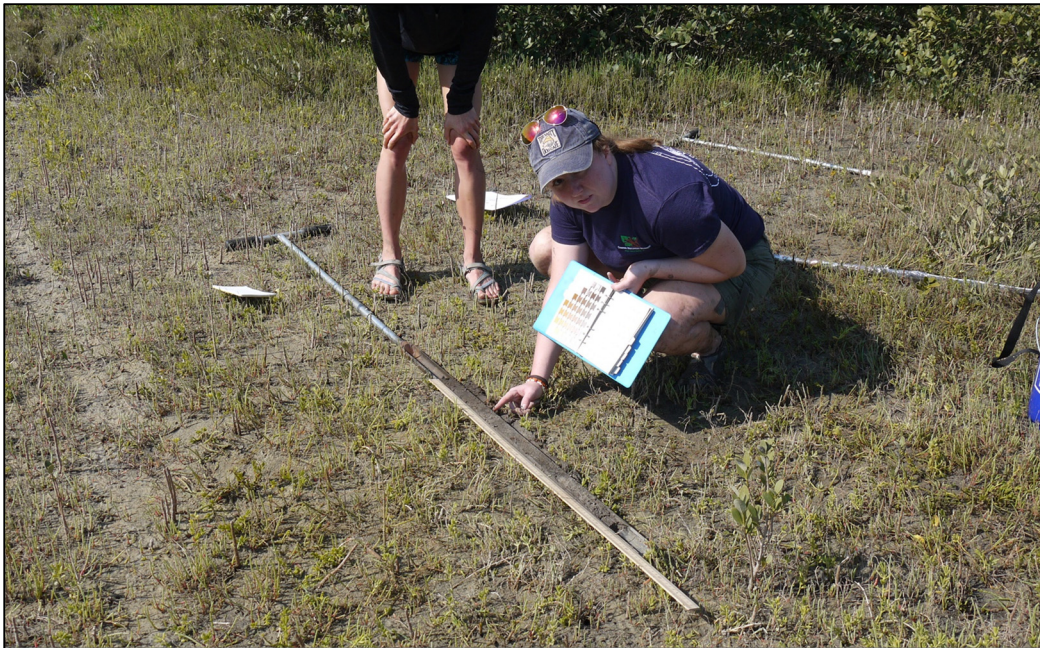


Figure S2. Image showing coring apparatus and core description during fieldwork. This particular core was collected from Nease Park near St. Augustine, FL, from within a stand of black Mangroves, just visible towards the upper part of the image.



Figure S3. Image showing the overlapping soil cores from the Boat Launch site with subsamples removed at every five centimeters. Each core barrel is 1 m in length and the top of each core is to the left (surface is at the top left, and refusal depth is at the bottom, right). Total sampled depth was 205cm.