

Article title: Creek system and regional patterns of *Juncus roemerianus* stress and links to salt marsh loss on the Florida Gulf Coast

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Online Resource 2. Tidal creek profiles, locations of profiles, and calculations of topographic relief at sample sites within field area.

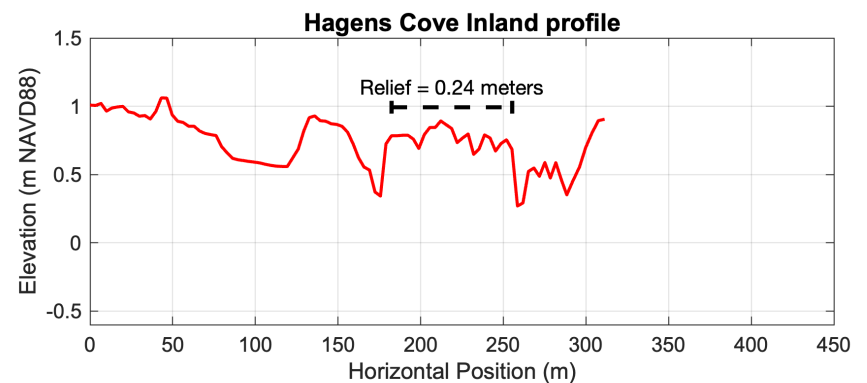
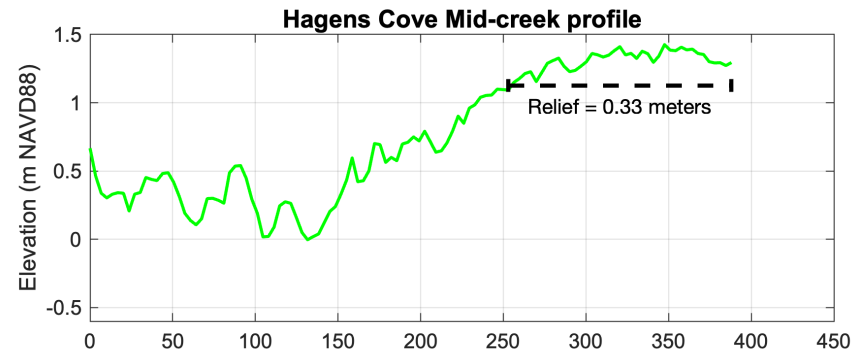
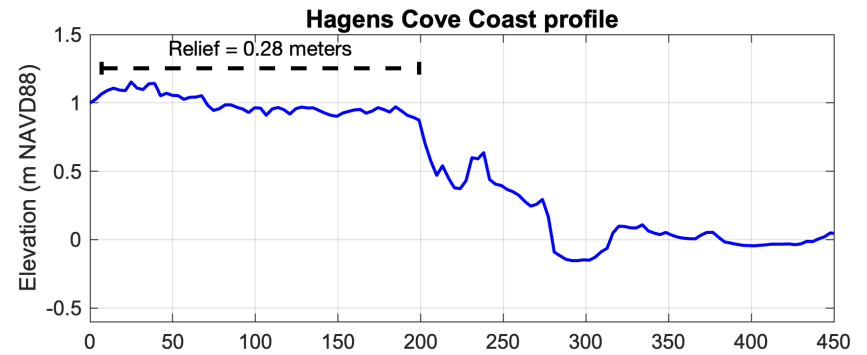
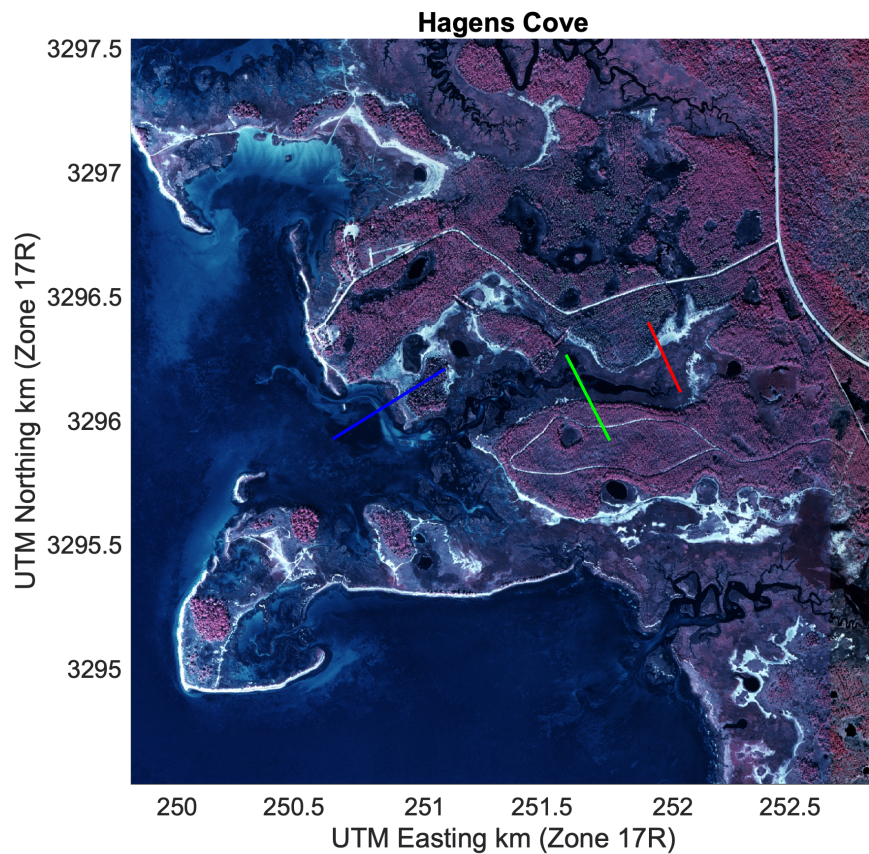


Figure OR2-1. Creek HC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from lidar data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect, showing vertical relief within sampling area.

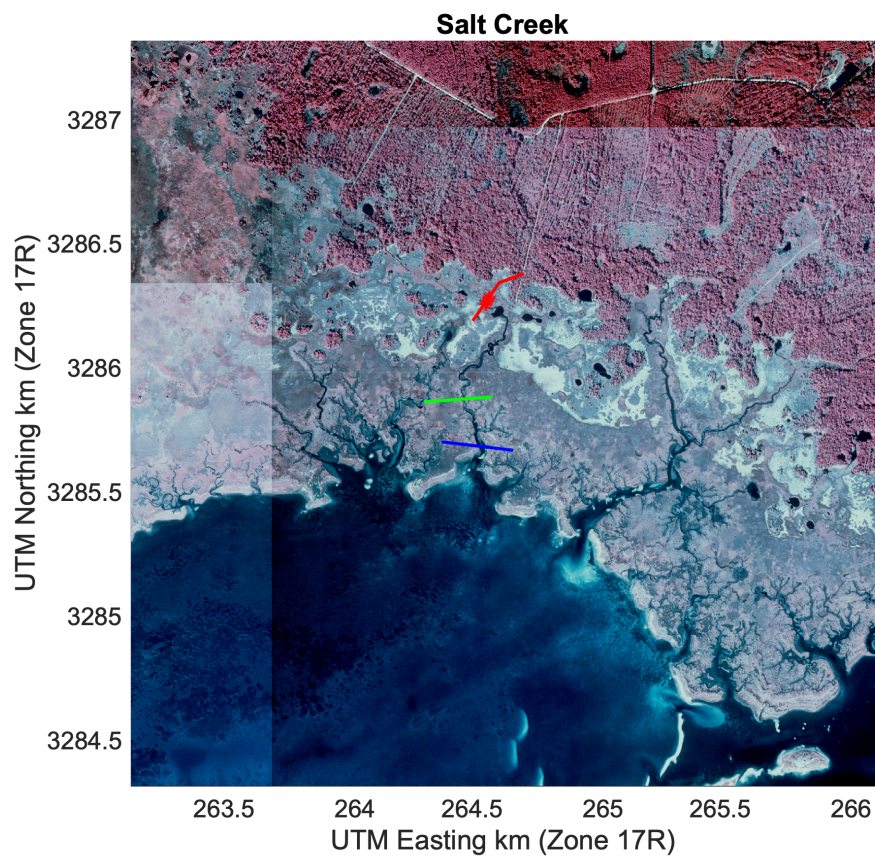
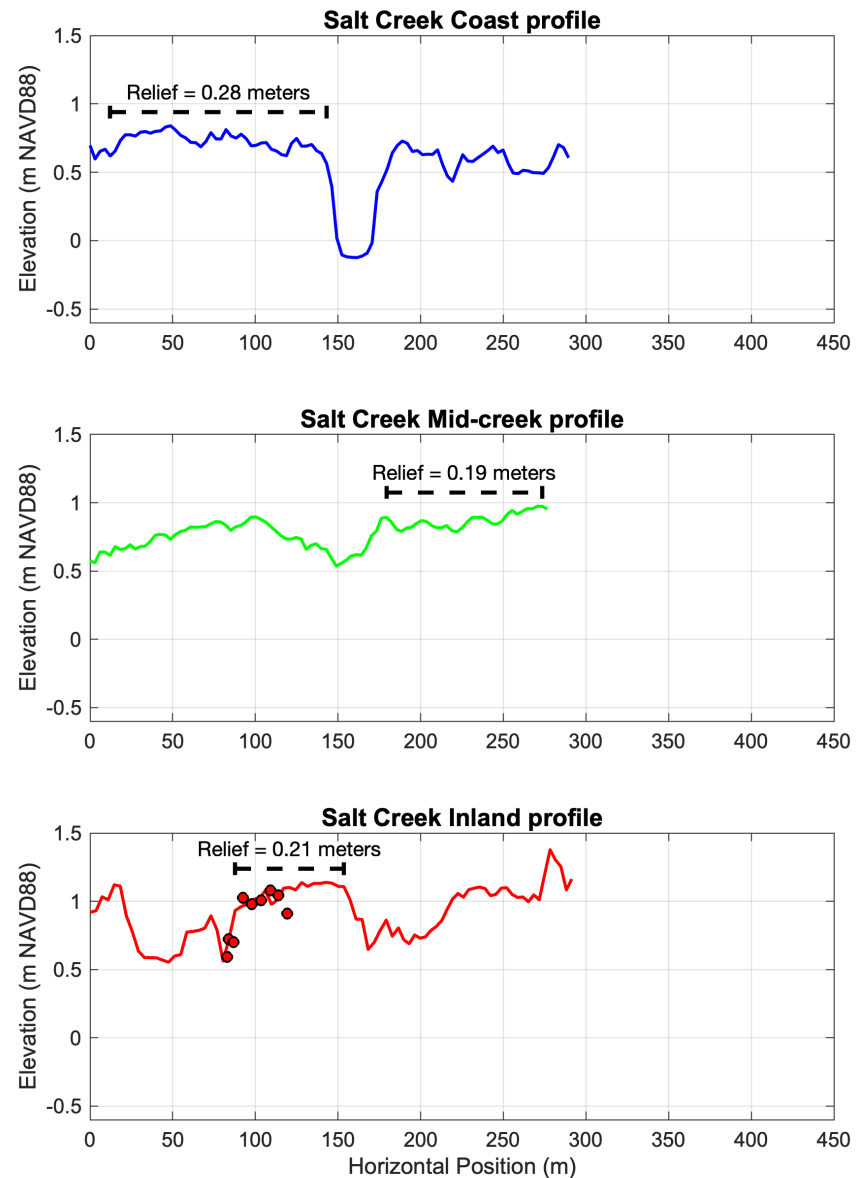


Figure OR2-2. Creek SC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



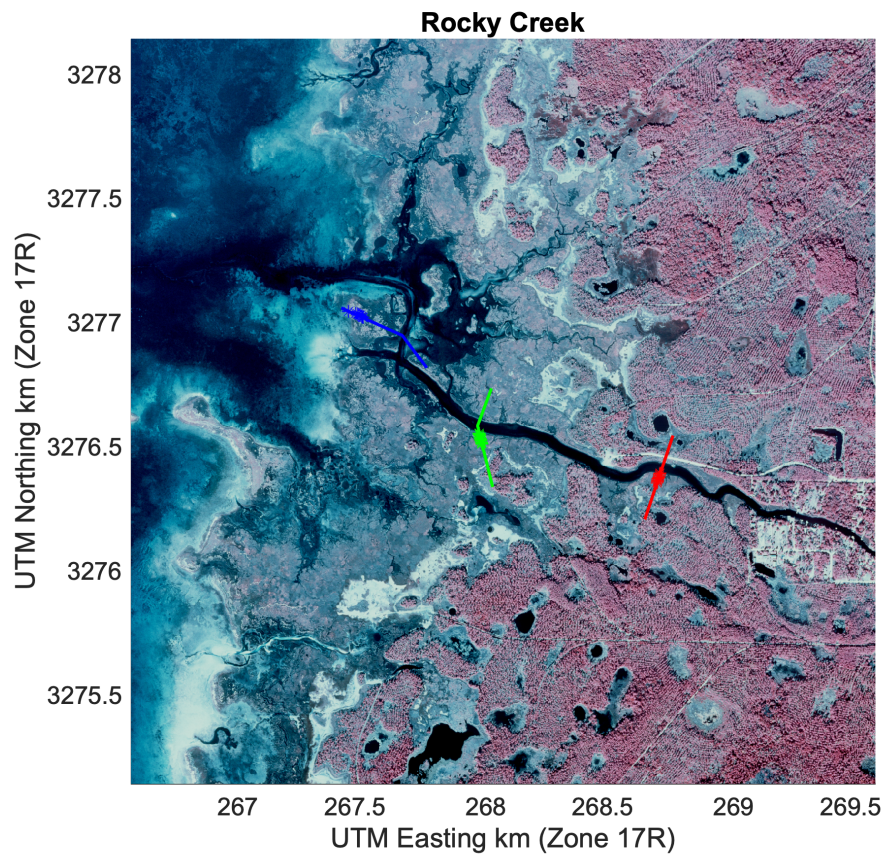
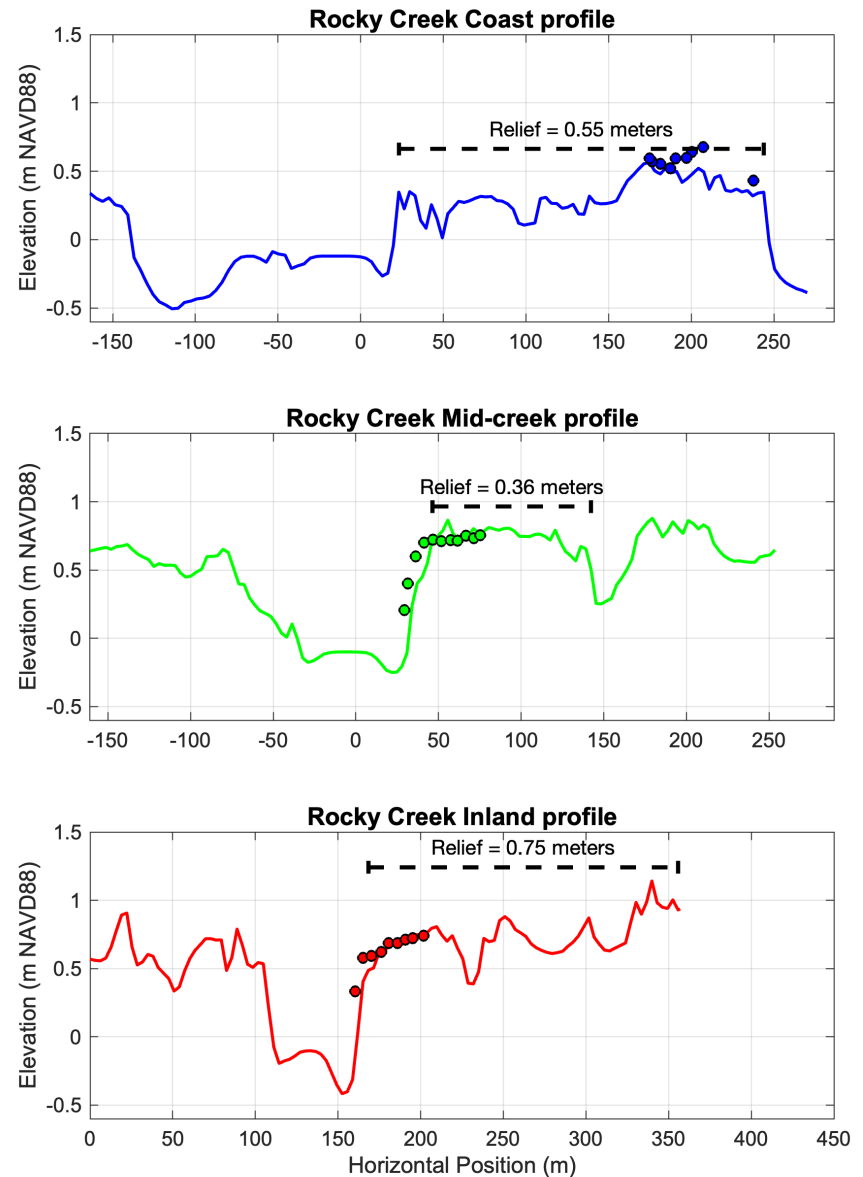


Figure OR2-3. Creek RC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



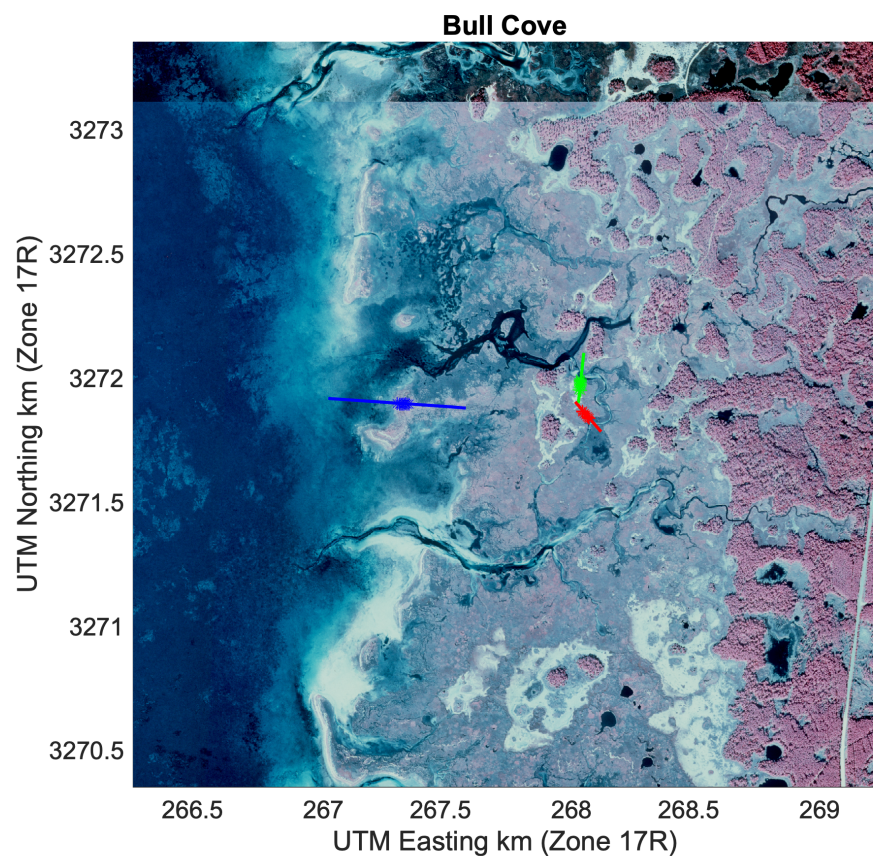
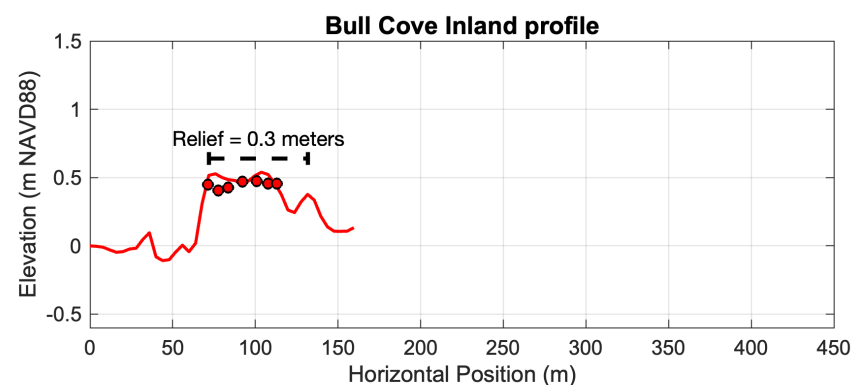
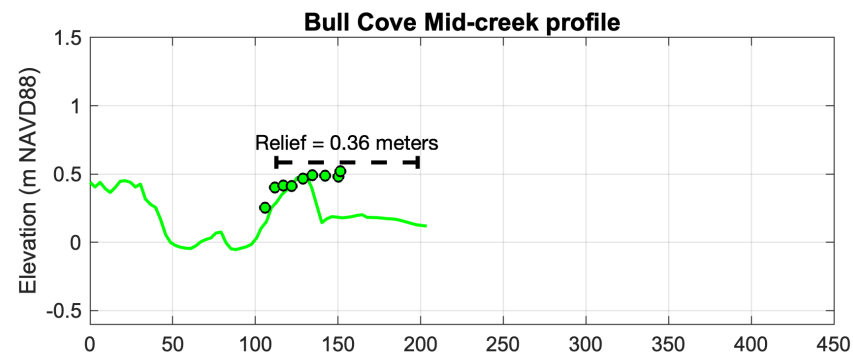
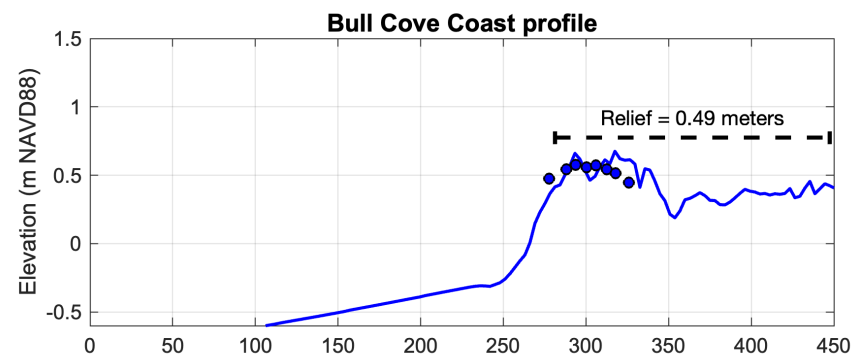


Figure OR2-4. Creek BC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



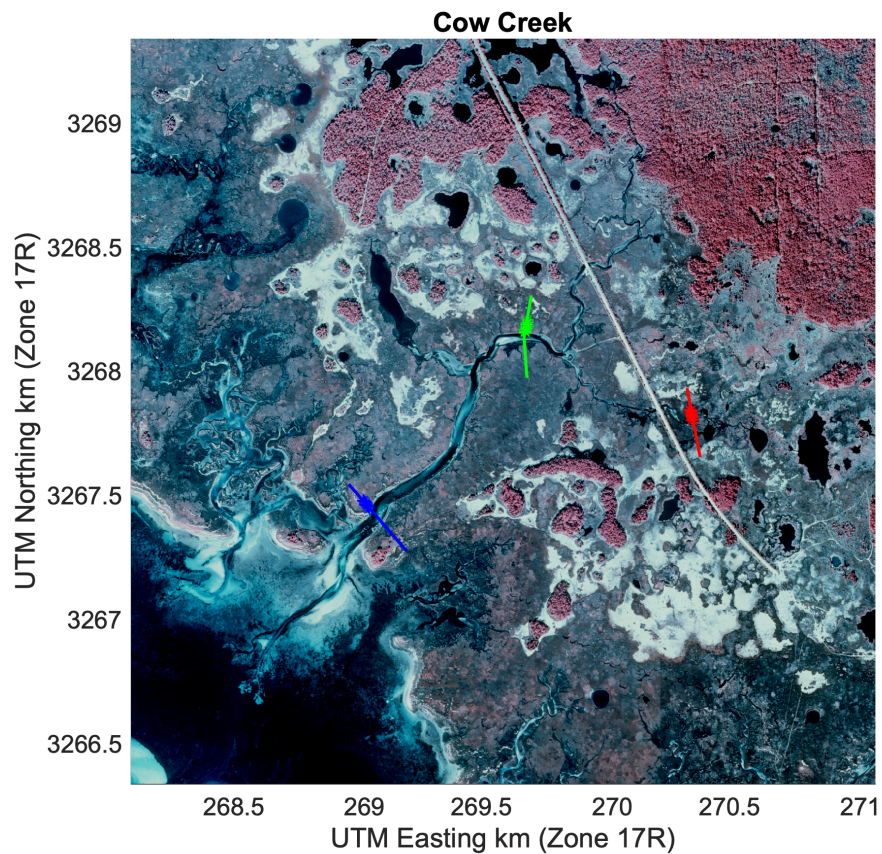
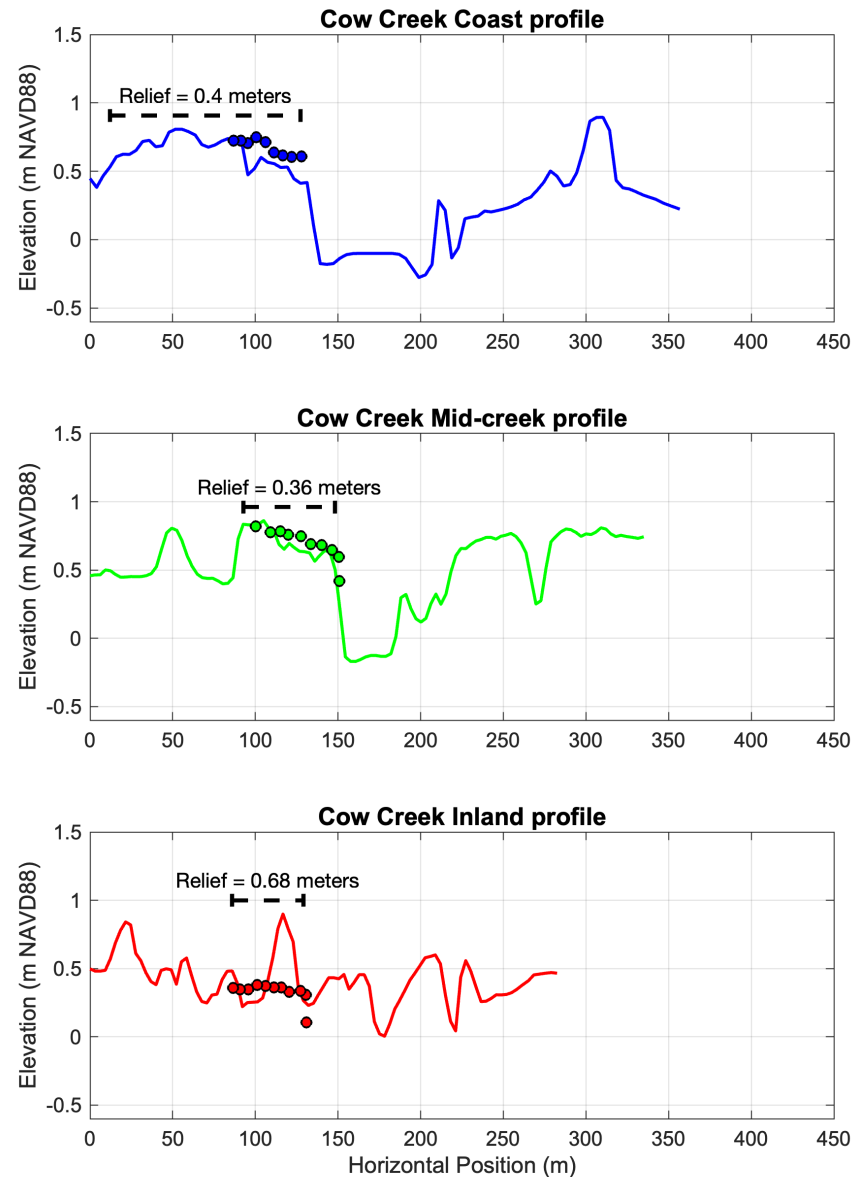


Figure OR2-5. Creek CC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



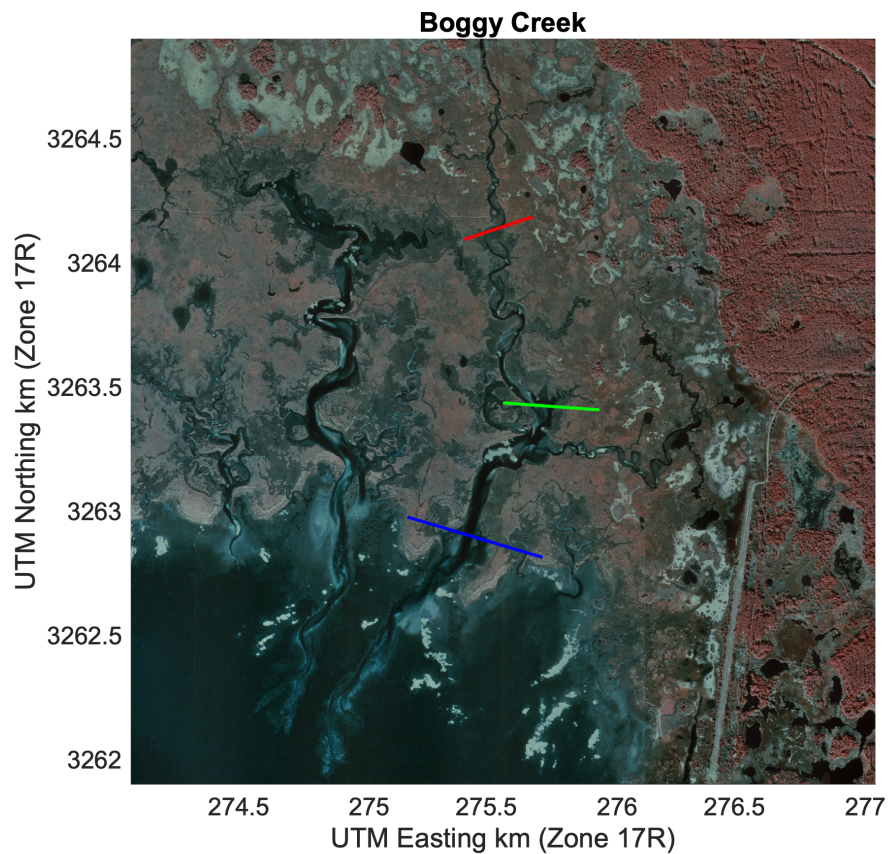
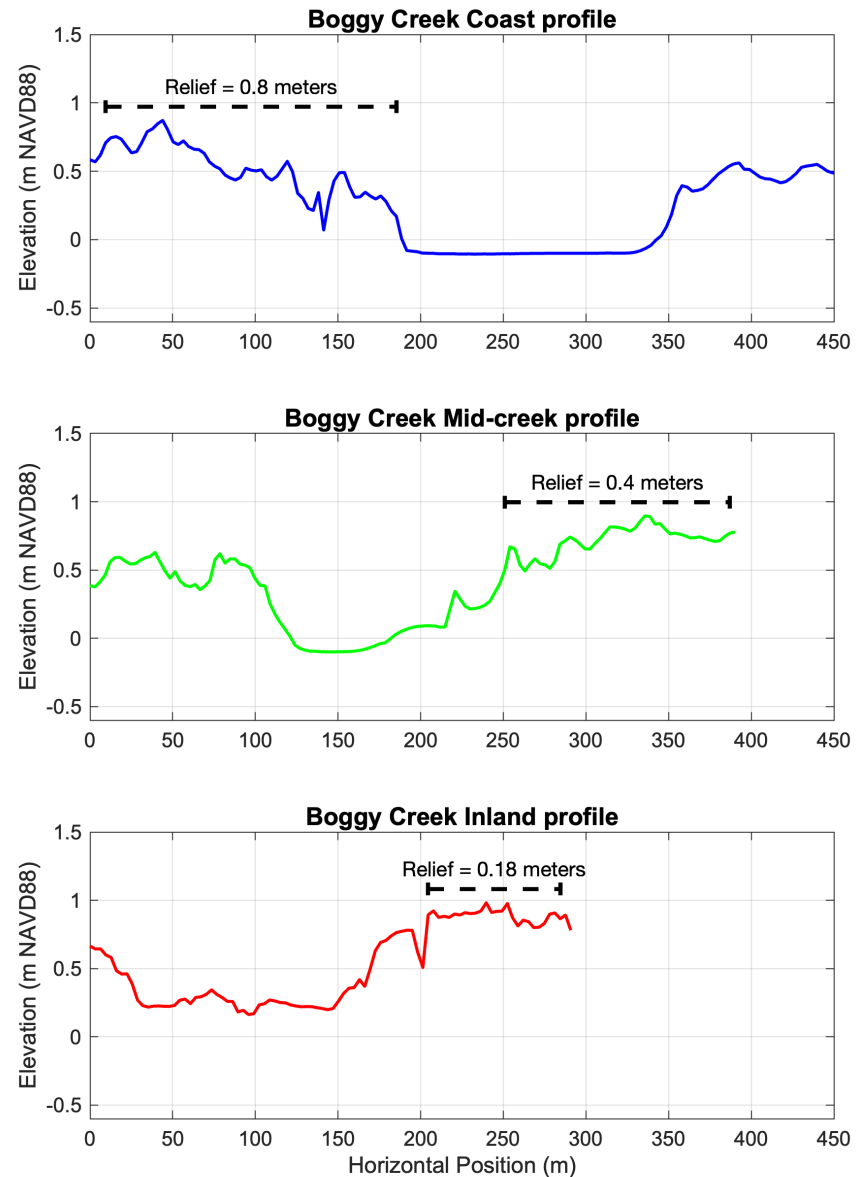


Figure OR2-6. Creek BCK transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



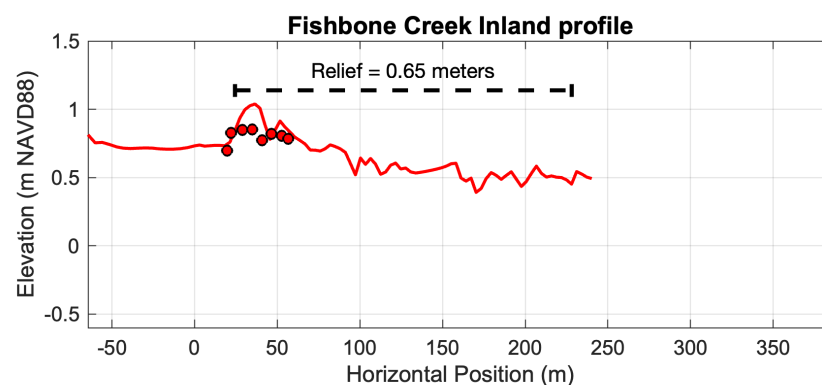
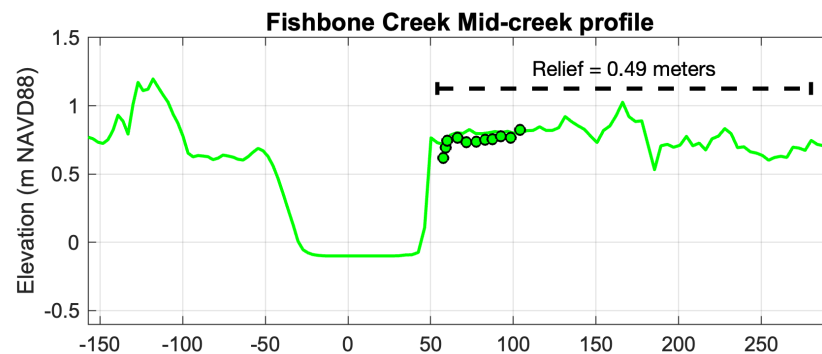
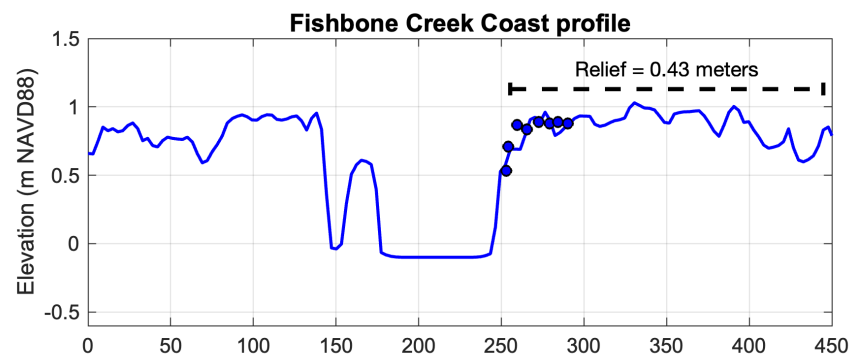
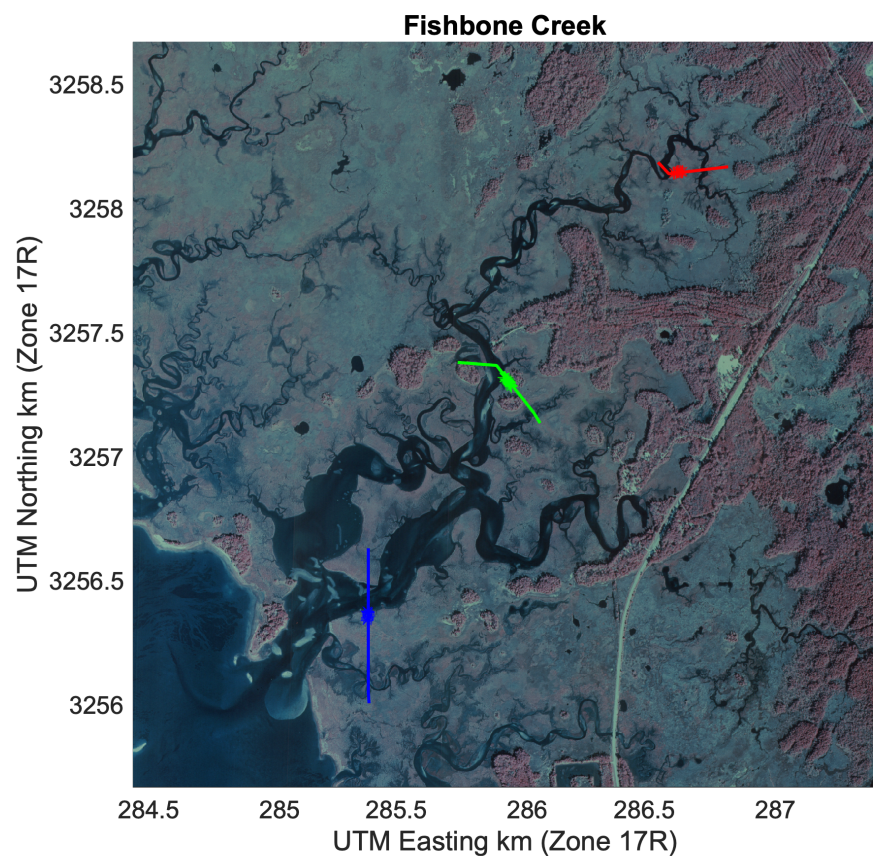


Figure OR2-7. Creek FBC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.

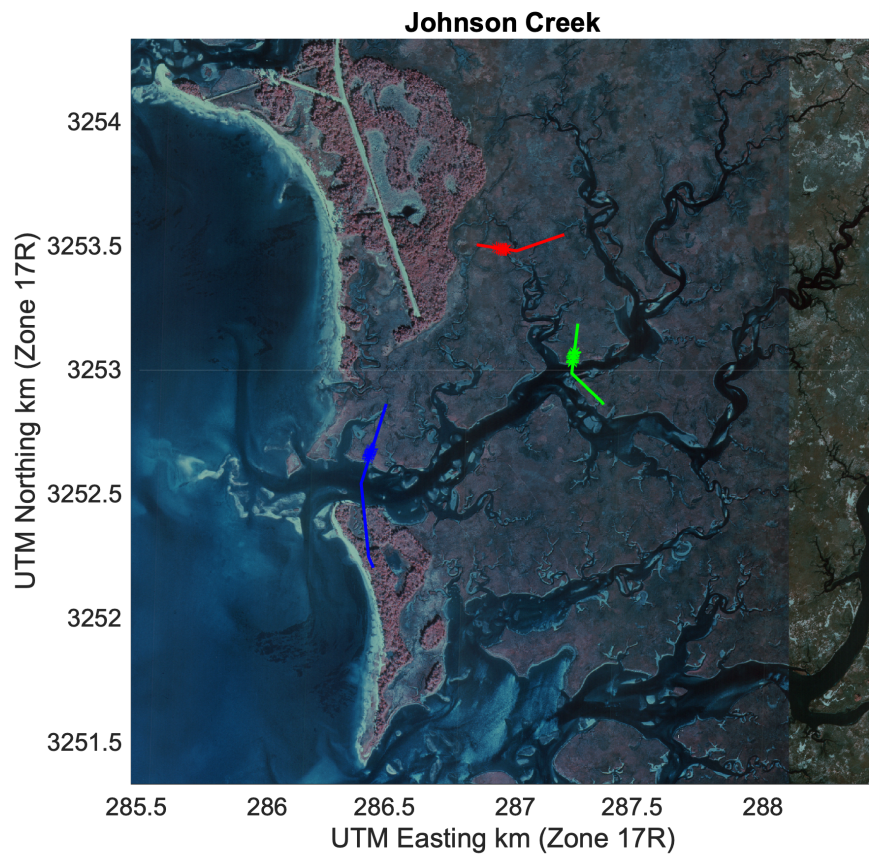
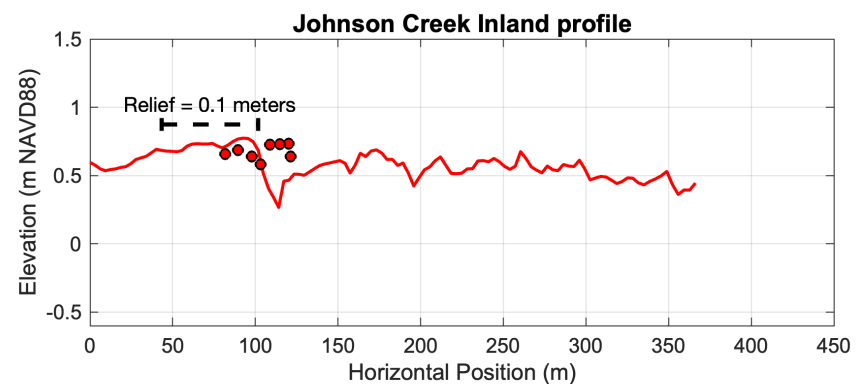
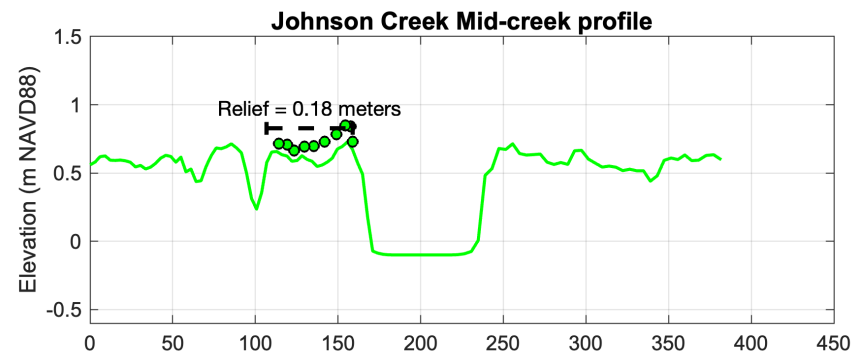
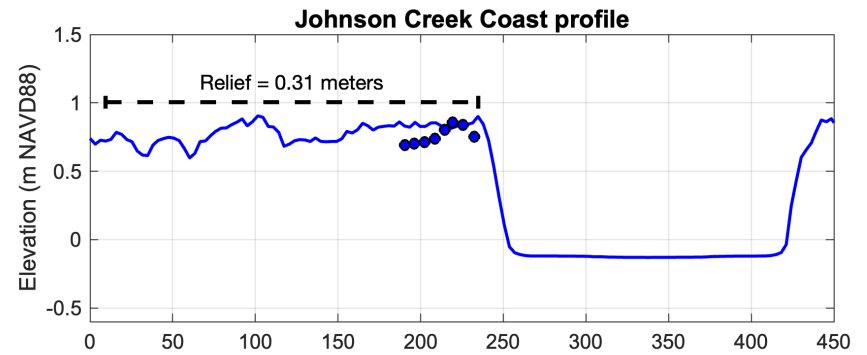


Figure OR2-8. Creek JC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



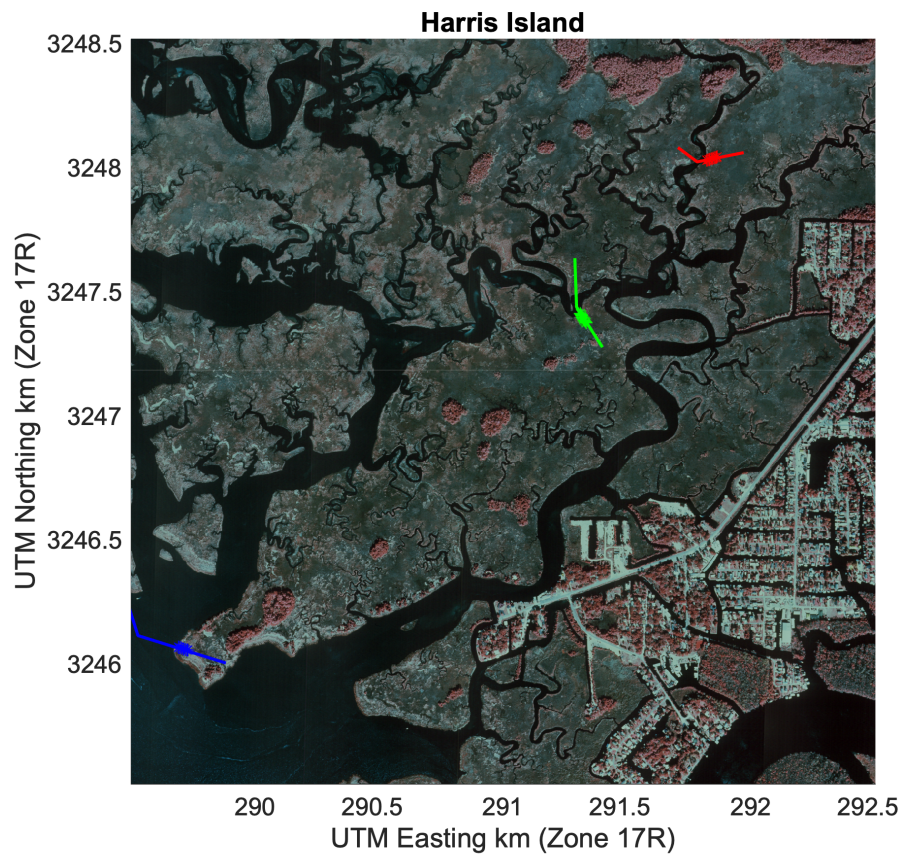
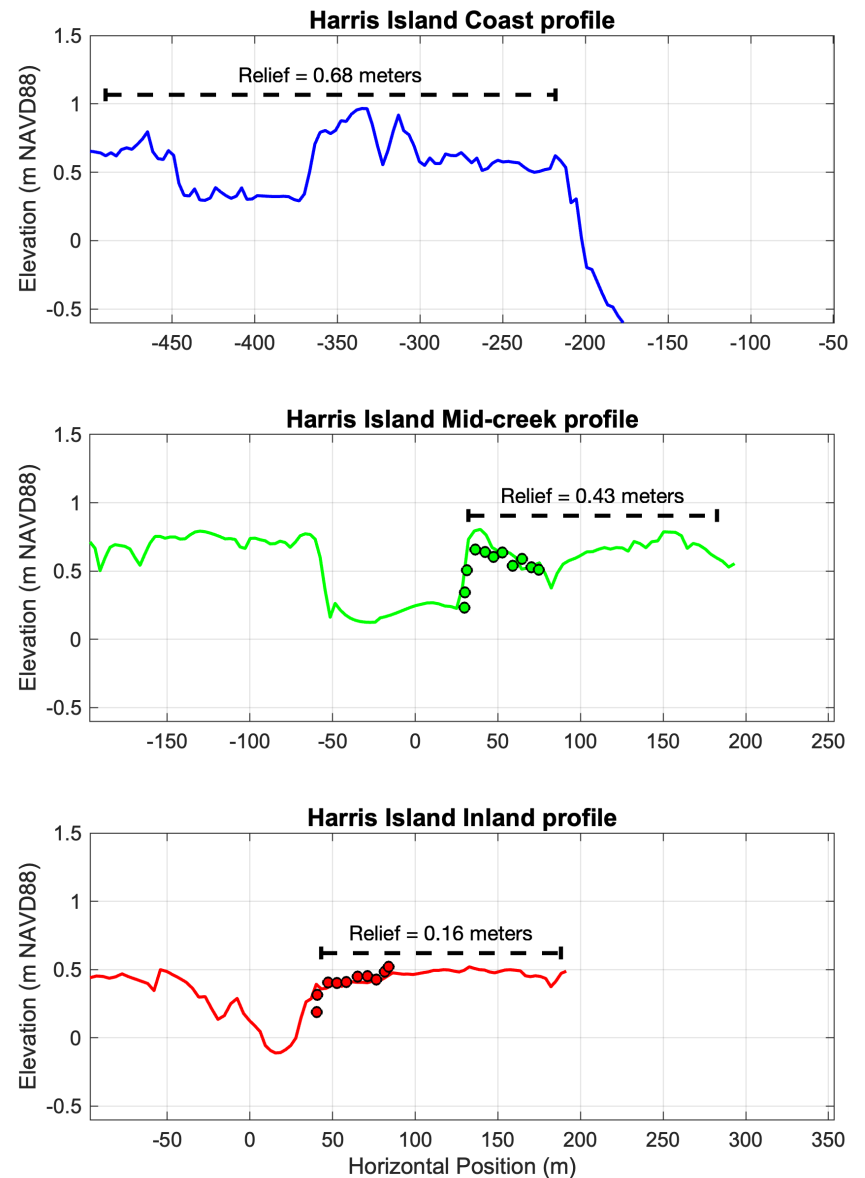


Figure OR2-9. Creek HI transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



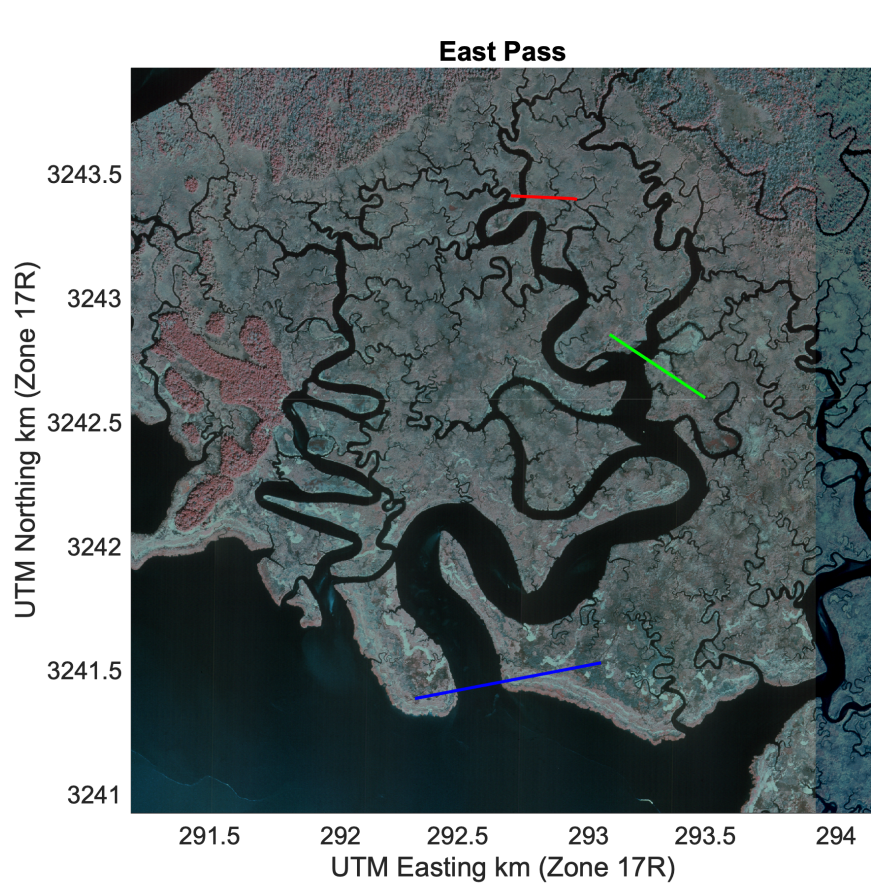
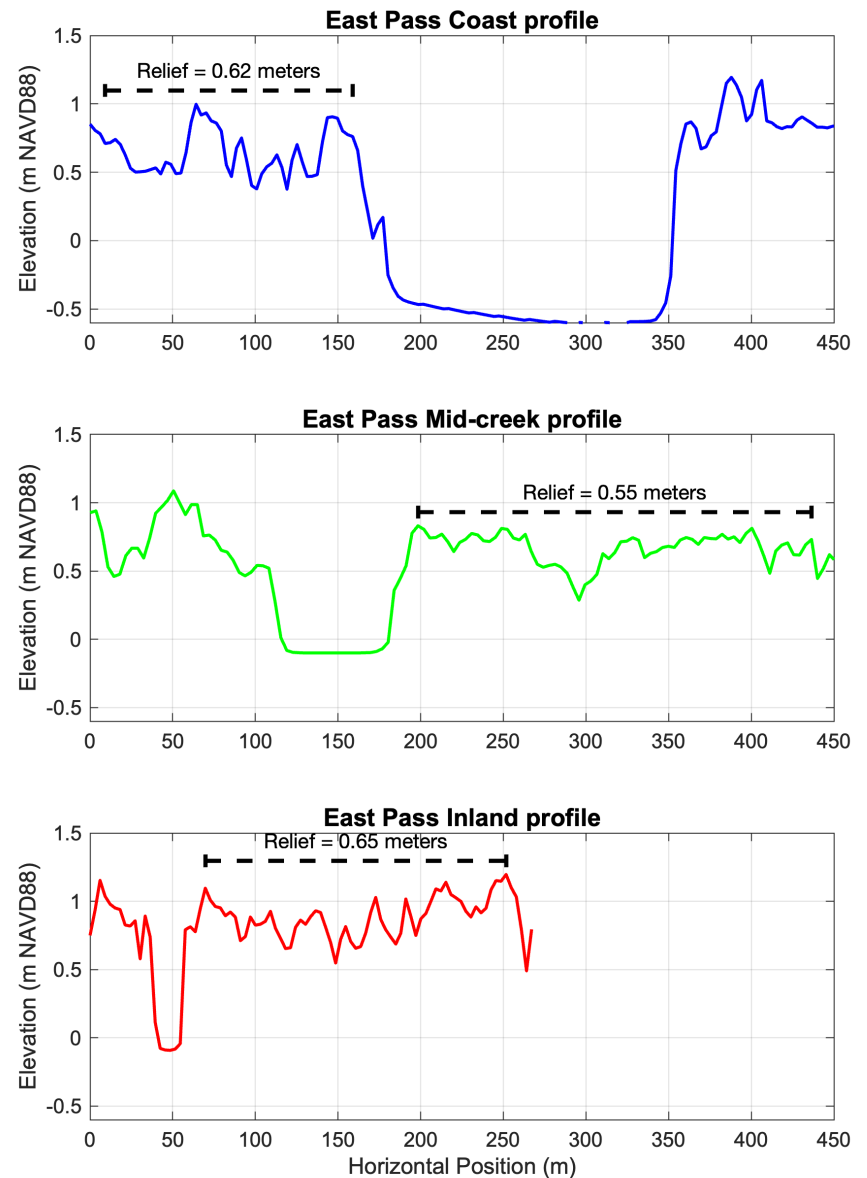


Figure OR2-10. Creek EP transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



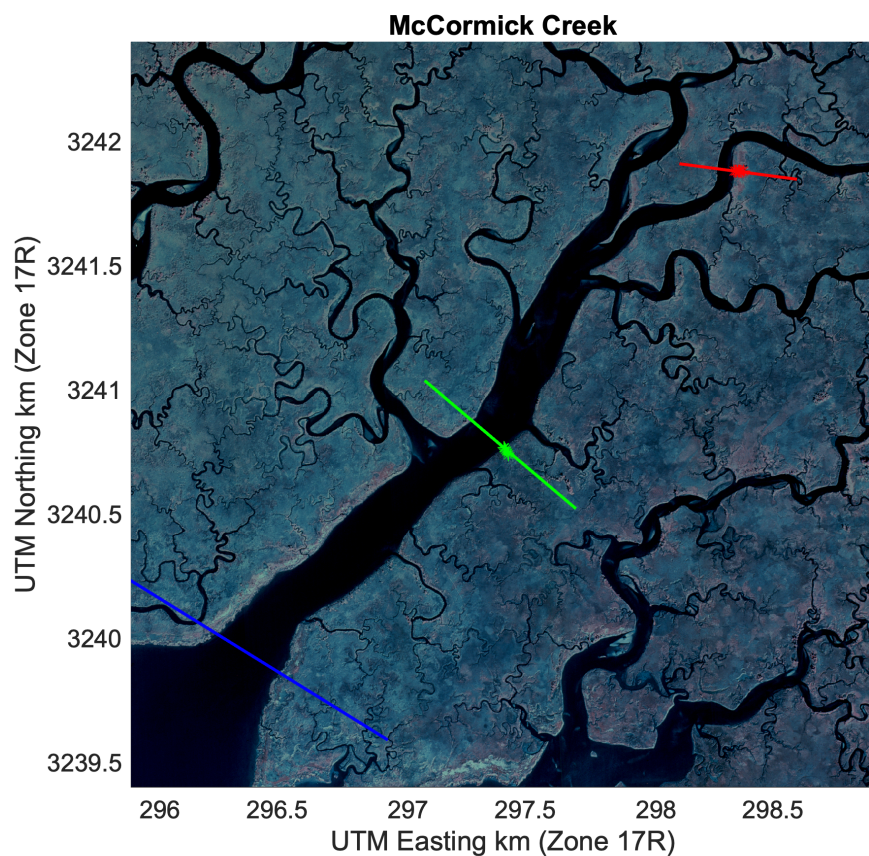
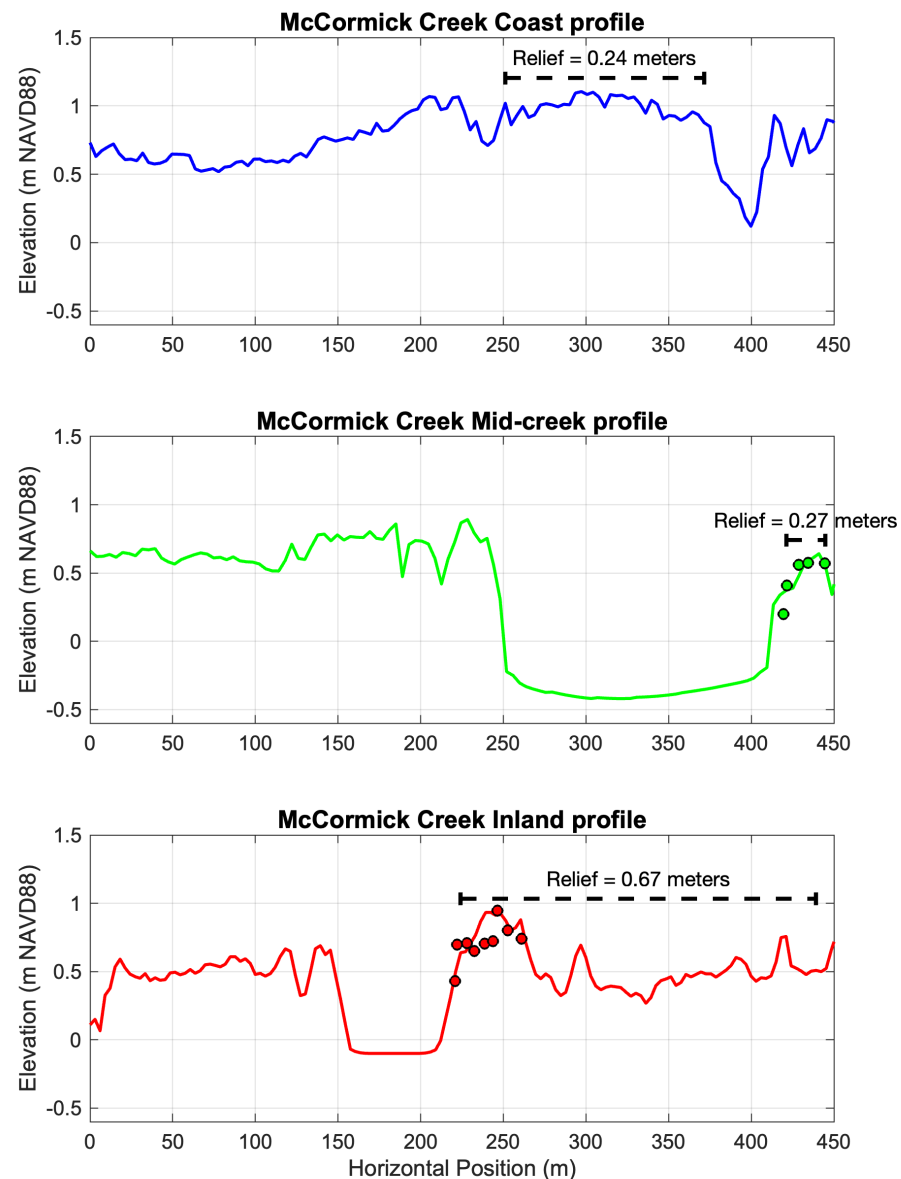


Figure OR2-11. Creek MC transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.



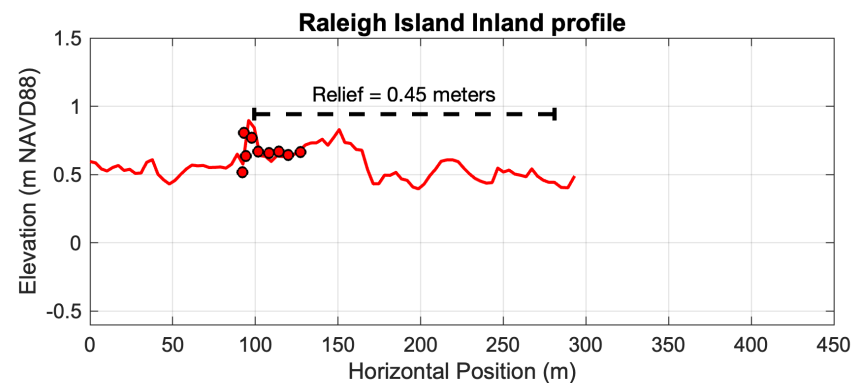
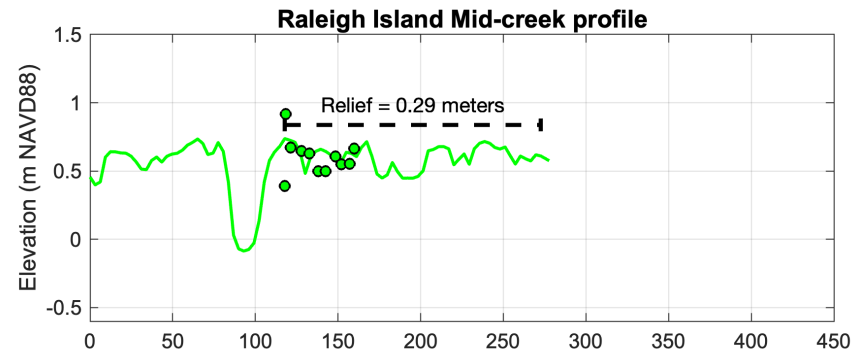
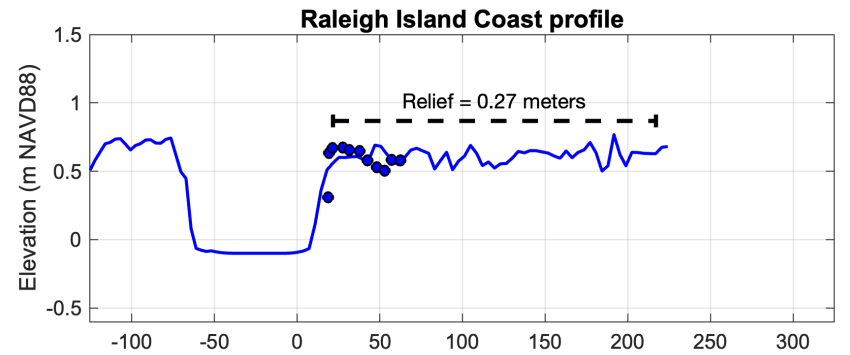
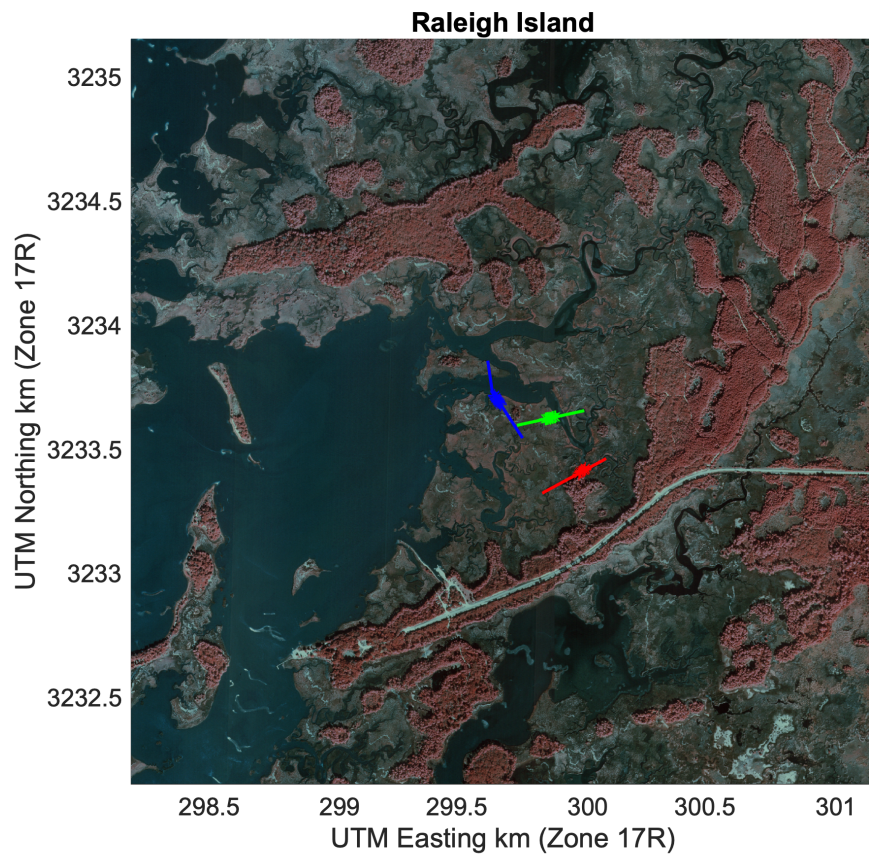


Figure OR2-12. Creek RI transect locations and profiles. a) DOQQ imagery of site with transect locations spanning the tidal creek at the coast (blue), mid-creek (green), and inland (red) positions. B) cross sectional creek profiles derived from LiDAR data (solid lines) and verified RTK-GNSS elevations (colored points) recorded along vegetation sampling transect (where collected), showing vertical relief within sampling area.