



Hurricane Sandy resiliency projects on Chesapeake Marshlands National Wildlife Refuge Complex





Three projects funded on Chesapeake Marshlands NWRC

- Eastern Neck NWR – 4000 feet of shoreline protection - \$1.4 million
- Martin NWR – 21,000 feet of shoreline protection - \$ 8.5 million

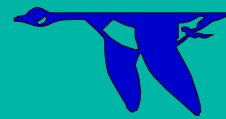


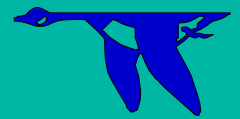


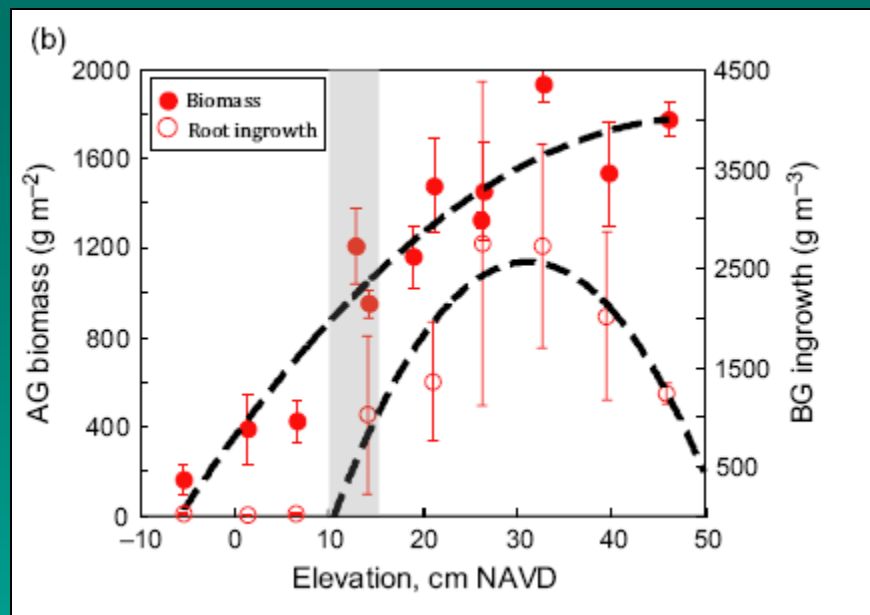
The Conservation Fund received \$3.5 million for work on Blackwater NWR and southern Dorchester County.

- Marsh Restoration on Blackwater NWR
- Phragmites control on Blackwater
- Hydrological investigation Farm Creek Marsh
- Nutria eradication project

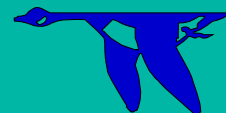






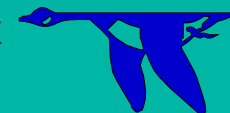


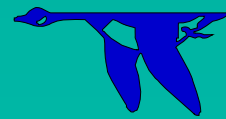
Kirwan, M.L. & Guntenspergen, G.R. (2012) Feedbacks between inundation, root production, and shoot growth in a rapidly submerging brackish marsh. *Journal of Ecology*, 100, 764-770.

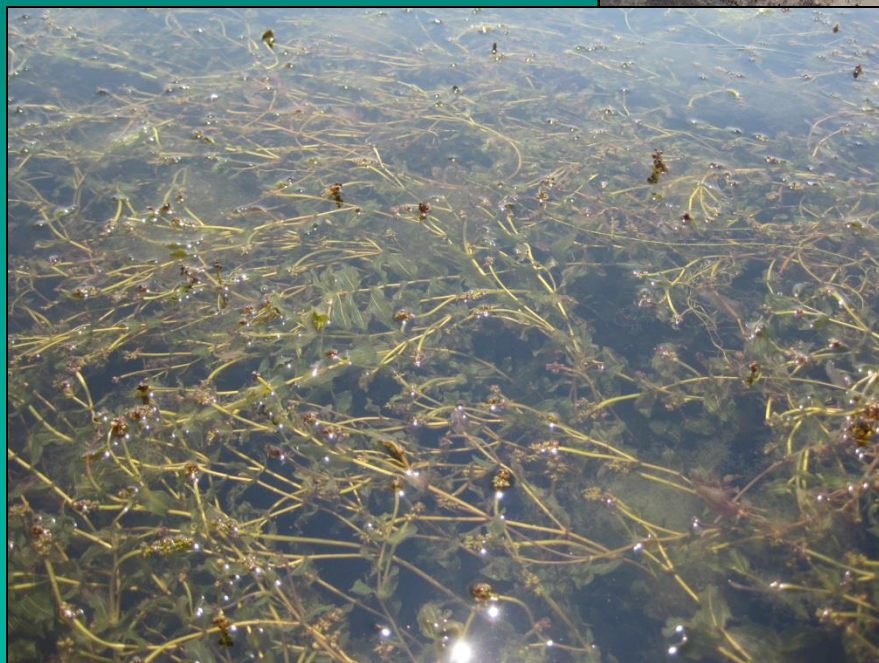


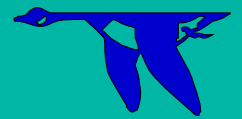
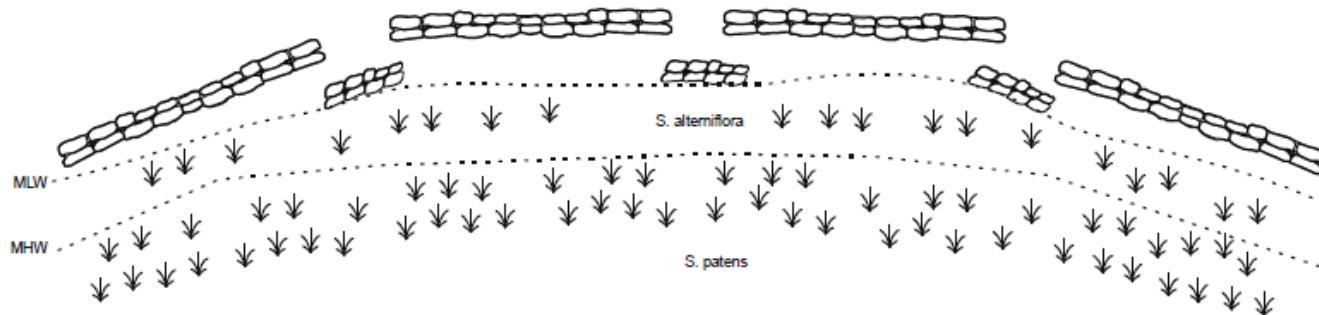


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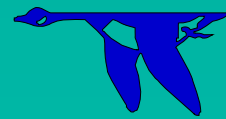








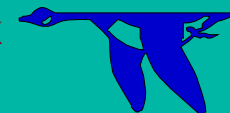
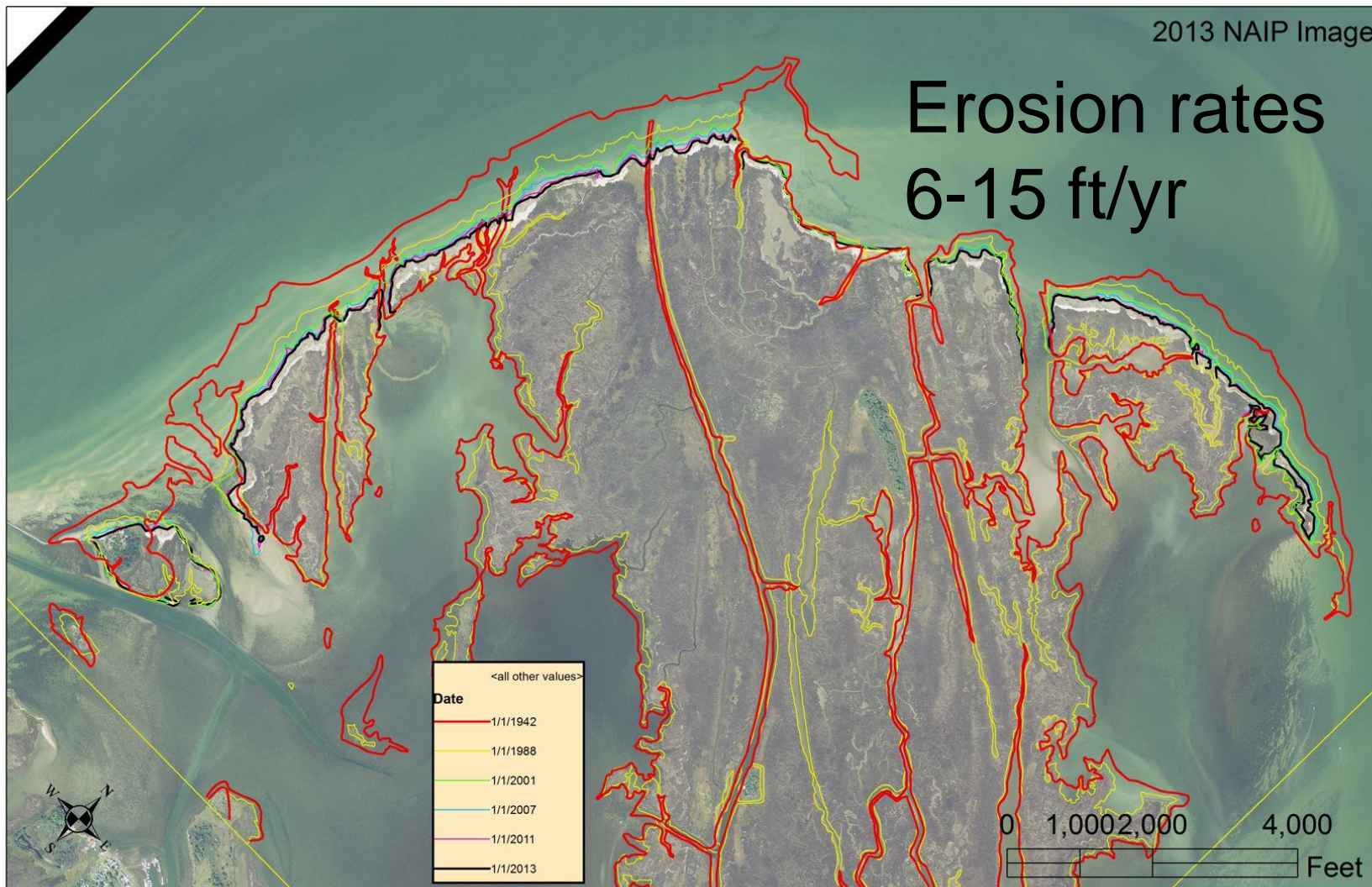
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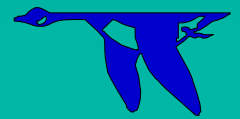


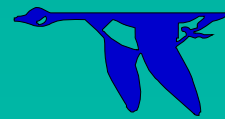
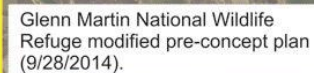


2013 NAIP Image

Erosion rates 6-15 ft/yr

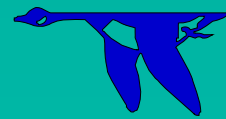
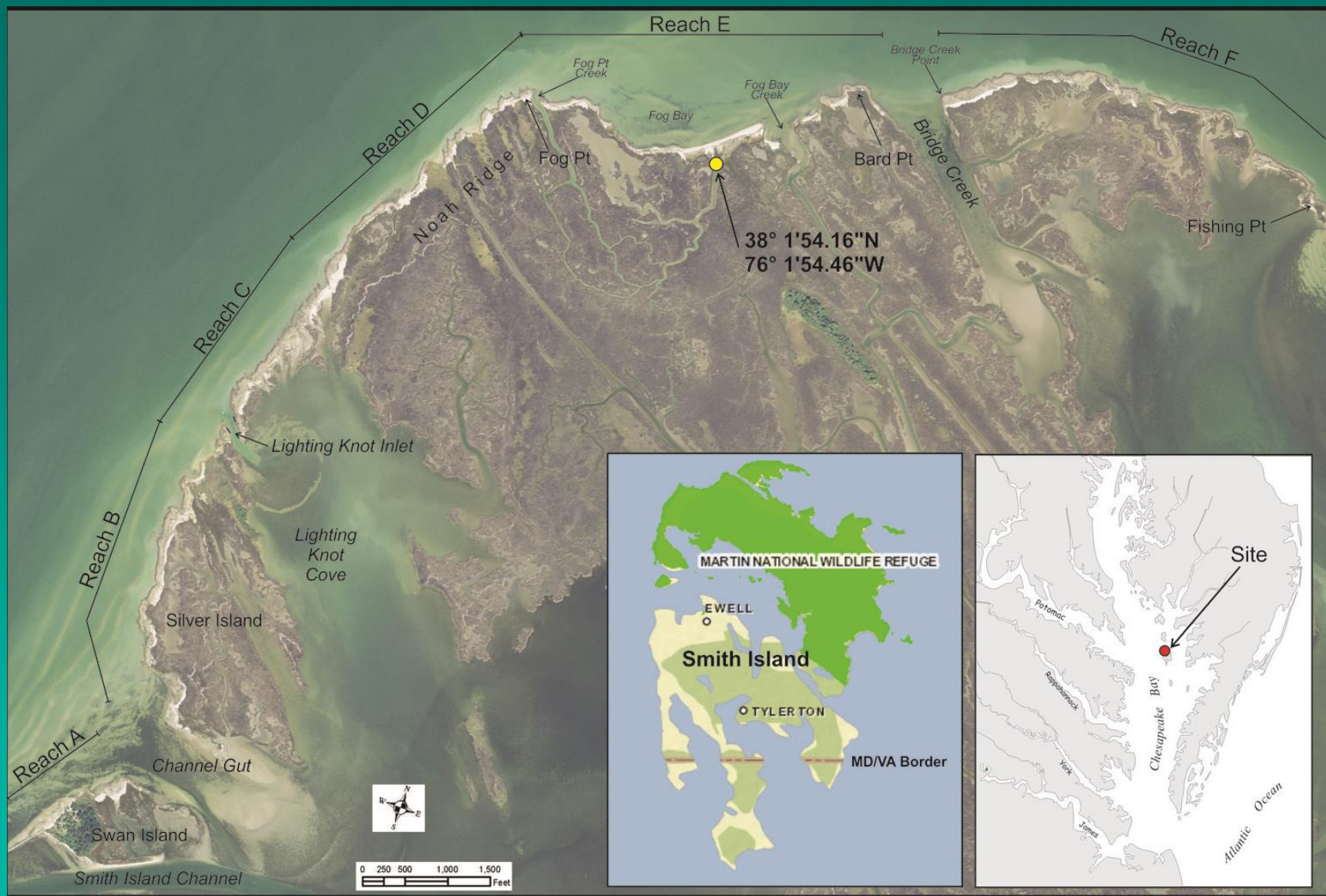


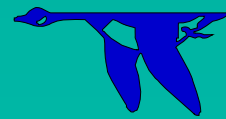
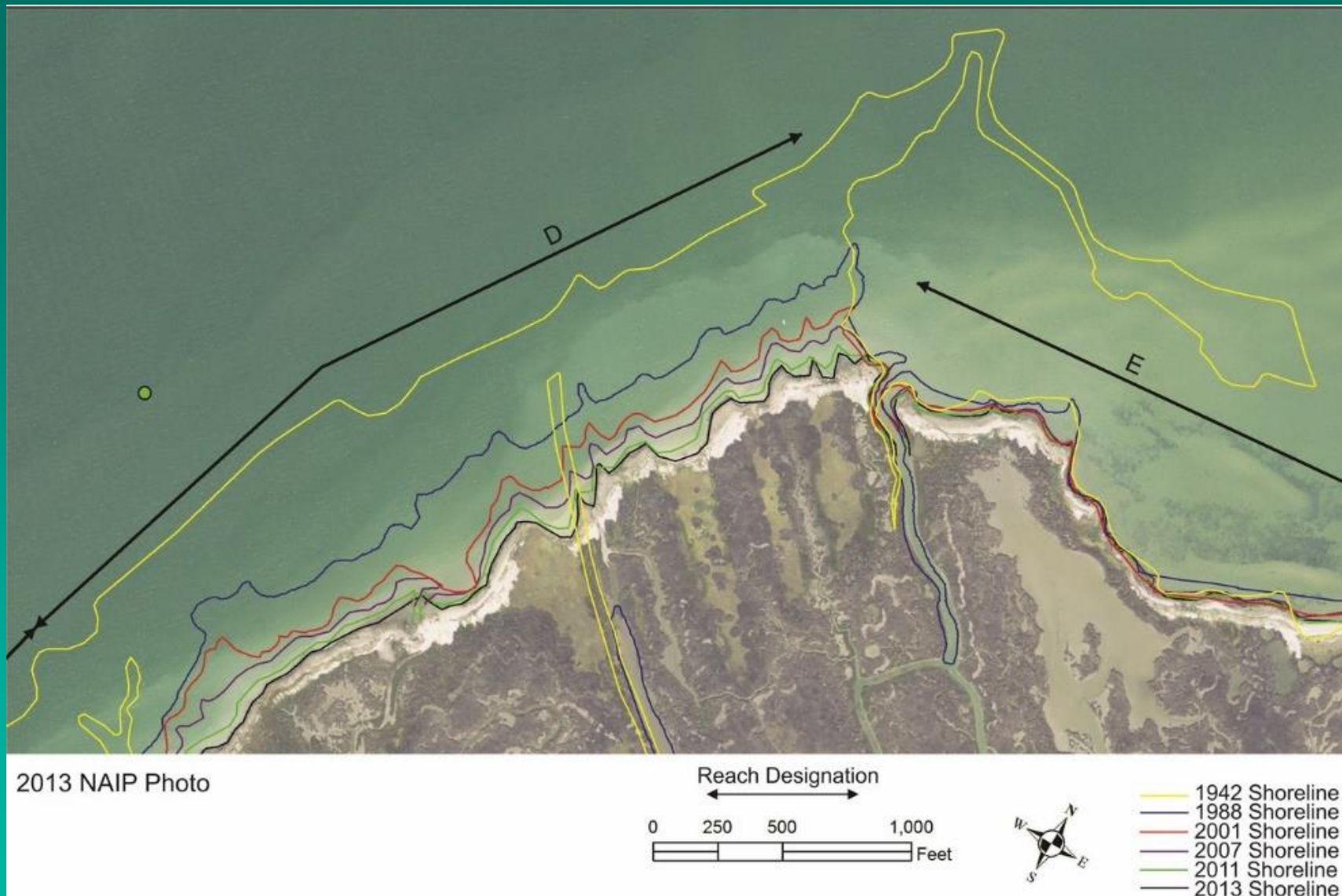




A photograph of a coastal marsh landscape. In the foreground, there are clumps of tall, dry, golden-brown grasses growing out of shallow blue water. The middle ground shows a vast expanse of marsh with more grasses and small patches of water. In the background, a line of trees is visible against a clear blue sky. A few trees on the right side are taller and more prominent, with some showing signs of being dead or dormant. The overall scene is peaceful and natural.

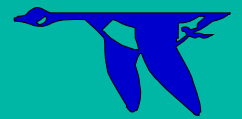
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