Coastal Adaptation Efforts in Rhode Island



Adaptation Strategies

Upland

- Adopt activities that facilitate marsh migration
- Change/move land use activities that inhibit marsh migration
- Remove physical barriers

In-Marsh

- Drainage improvements (small creek excavation)
- Elevation enhancement
- Erosion control along marsh edge

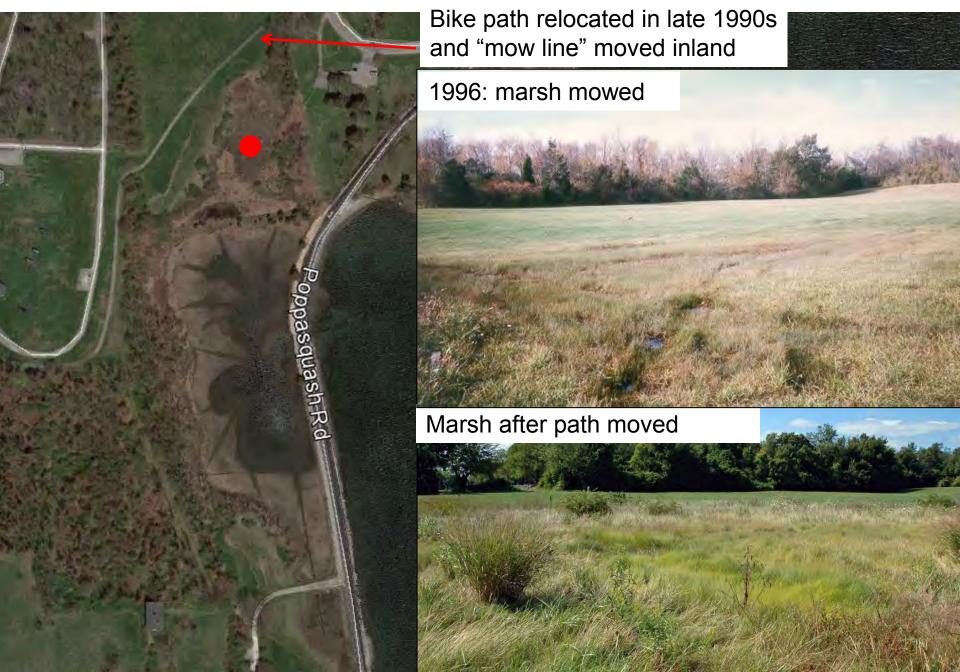






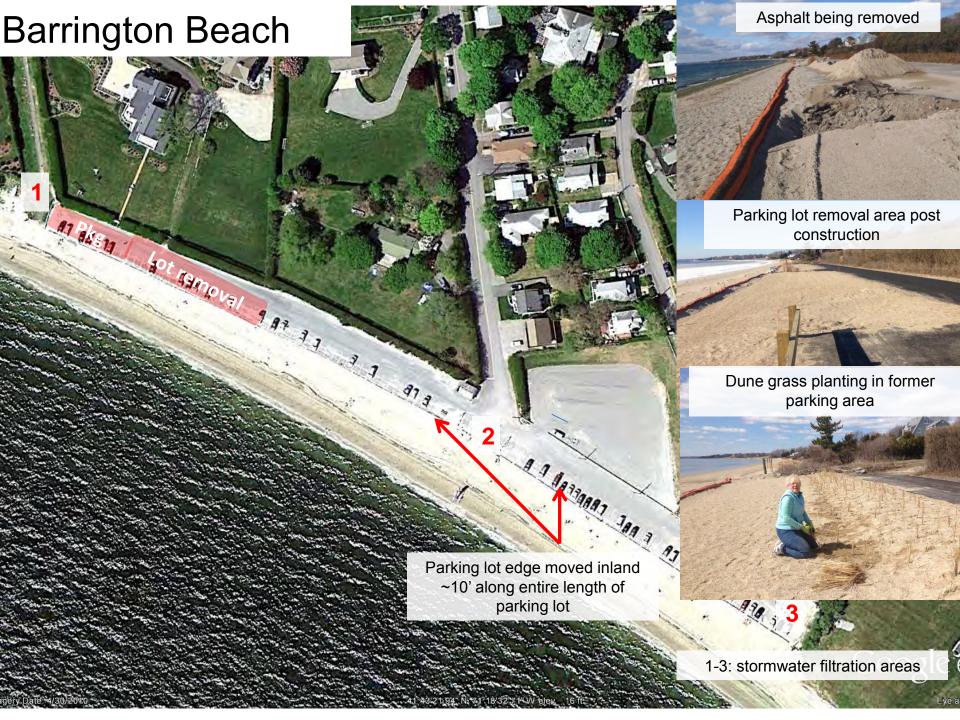
Colt State Park, Bristol Bike path in marsh area Mowed marsh area Image U.S. Geological Survey Google ear 1995

Colt State Park, Bristol

























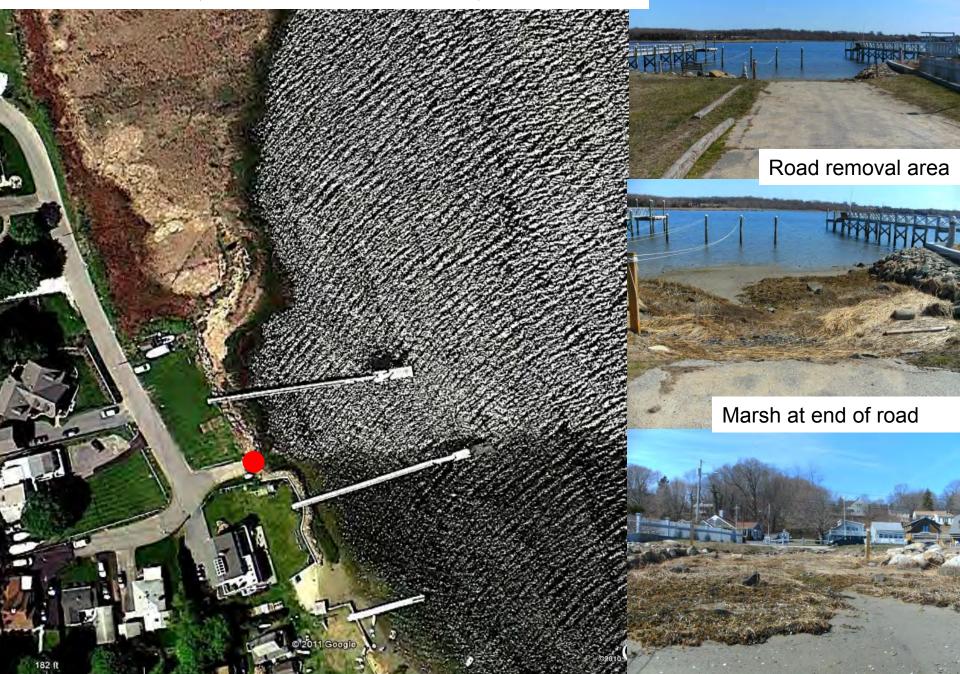
1. West, towards street Belvedere St. Palmer River, Barrington 2. East, towards river 3. West, up street Goog 100 ft to first driveway, *Phragmites* present, used as public shoreline access, some evidence of runoff impacts; tidal flooding of lower road to driveway; opportunity for pavement removal



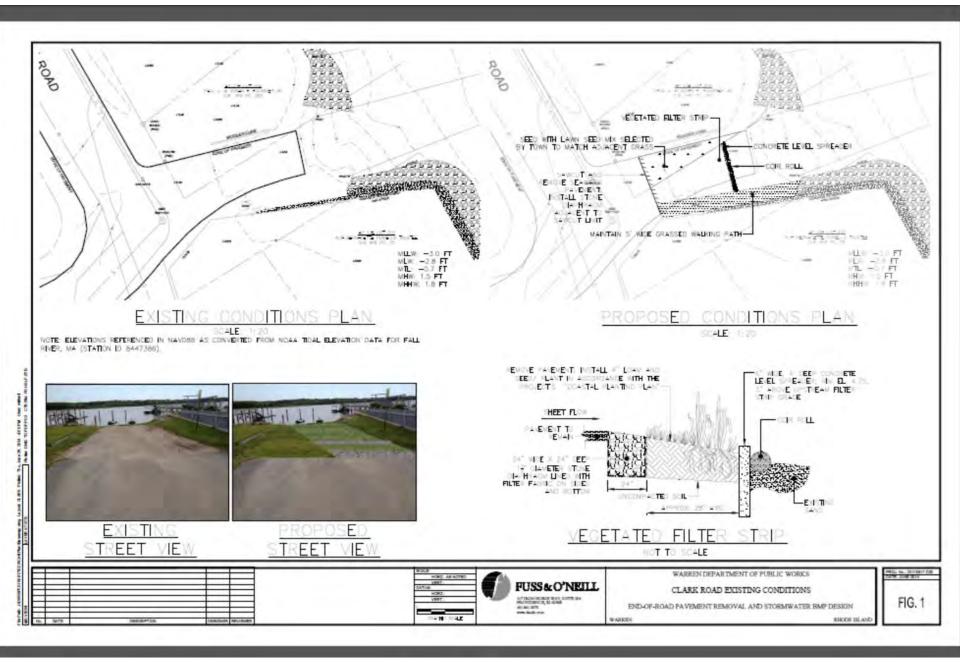
Mill Cove Road, Warwick Mill Cove Rd © 2013 Google Google earth



Clark Road, Kickemuit River, Warren



Clark Road, Warren



Clark Road, Warren

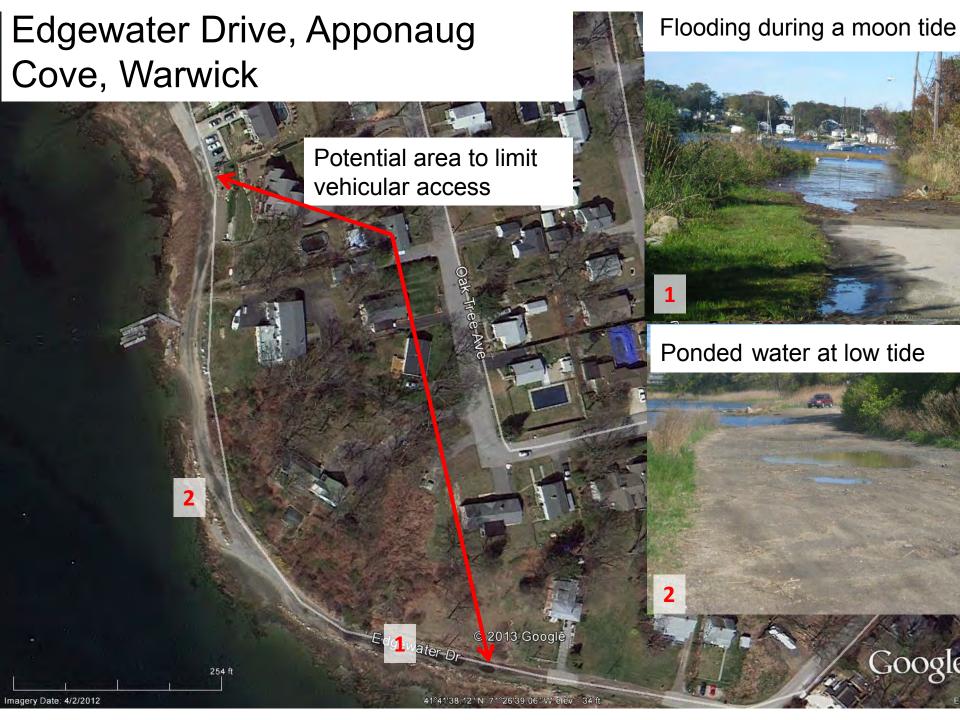


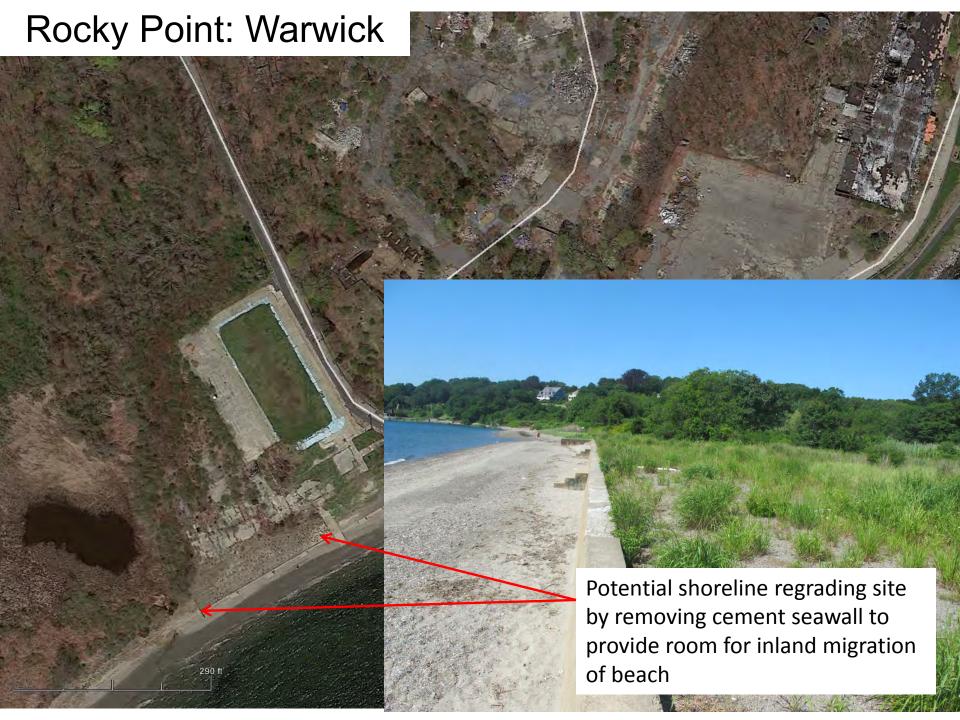


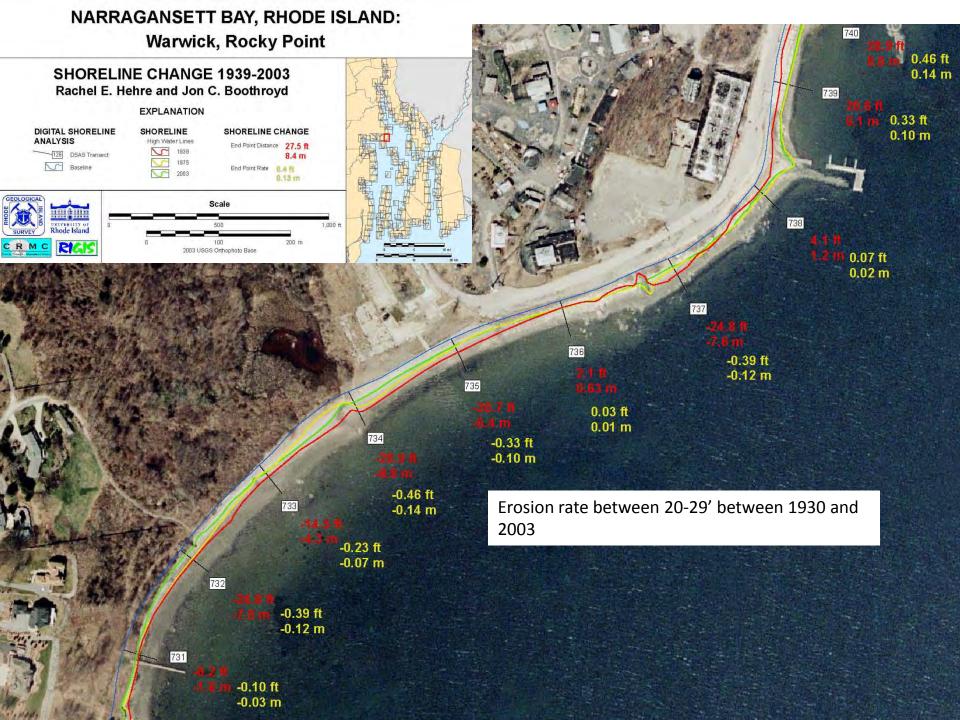




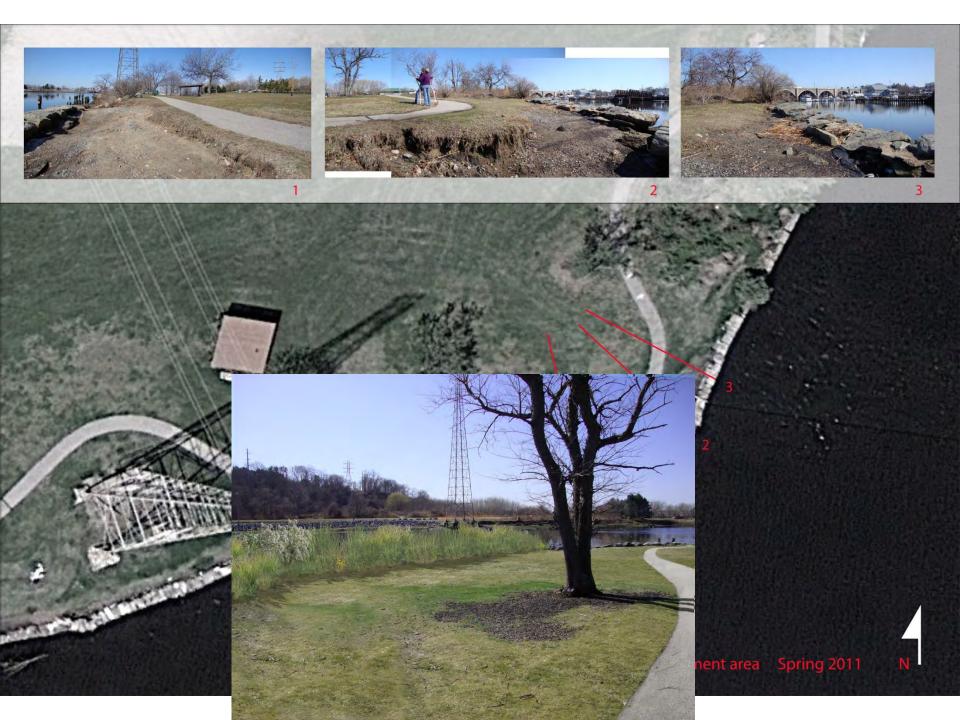




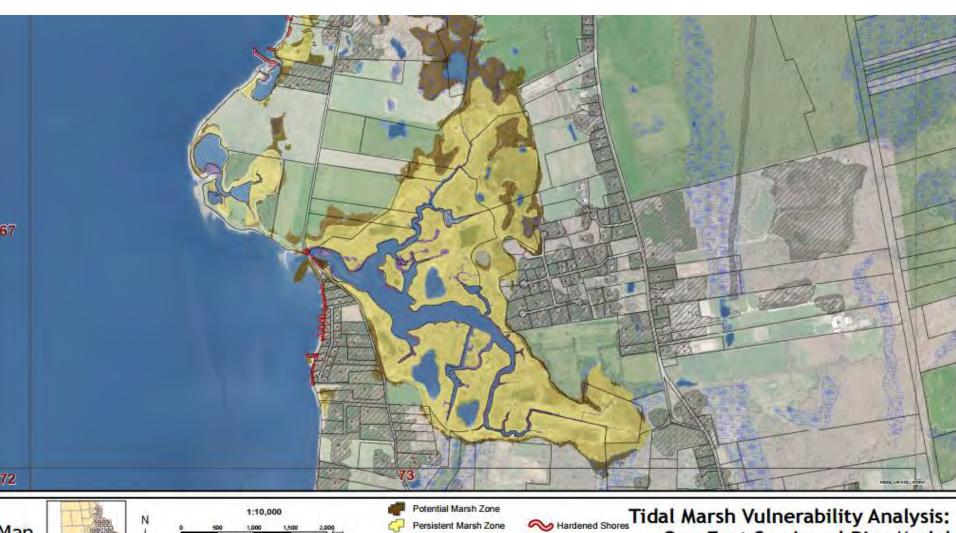










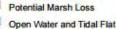


Map 68

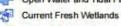
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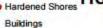
Protected Open Space





Parcel Boundaries Developed Land

CRMC Coastal Barriers









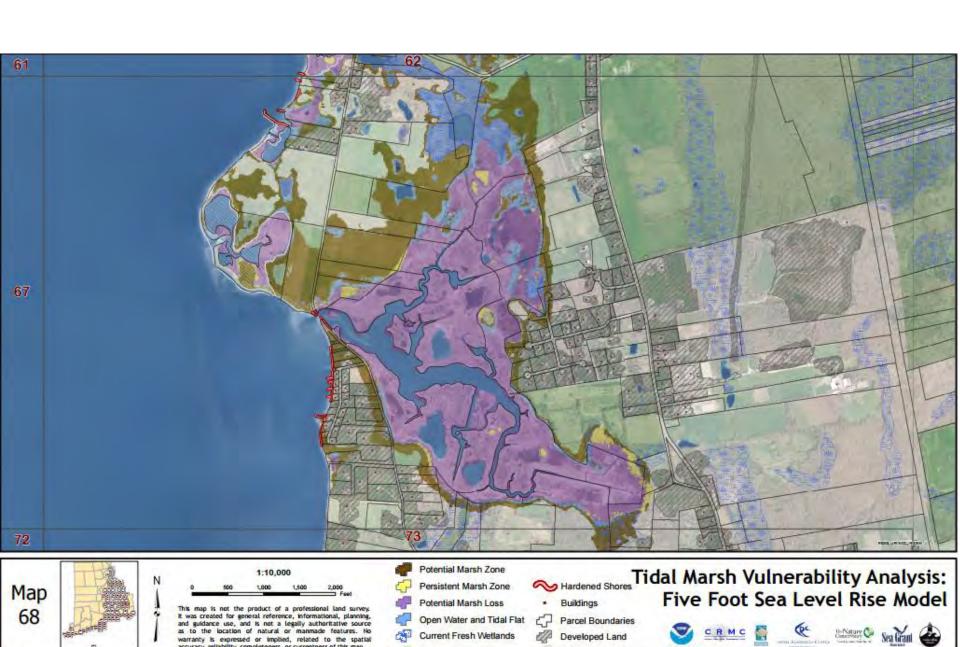


One Foot Sea Level Rise Model





Map produced by Kevin Ruddock. 4/1/2014



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Thank You







