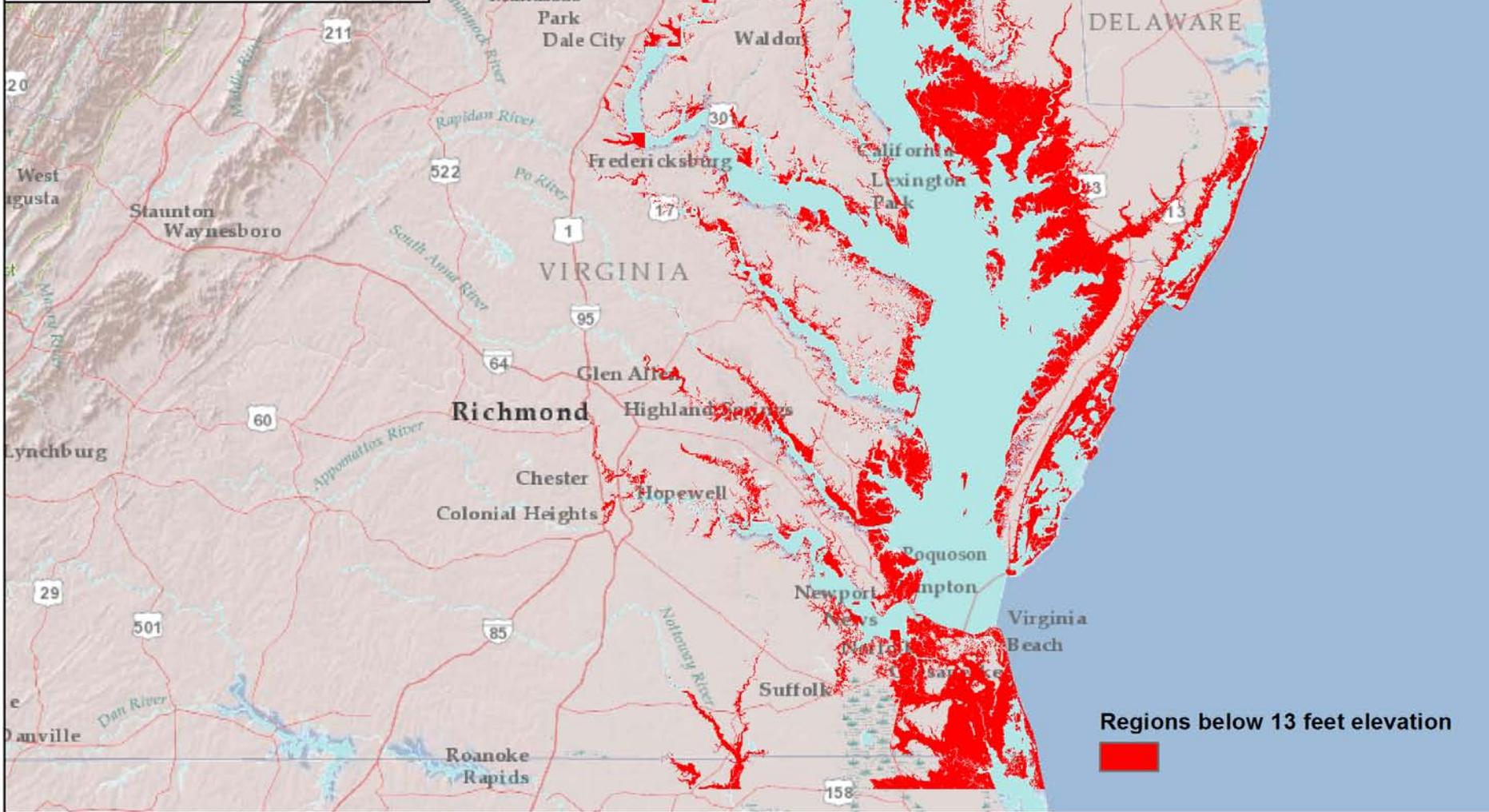
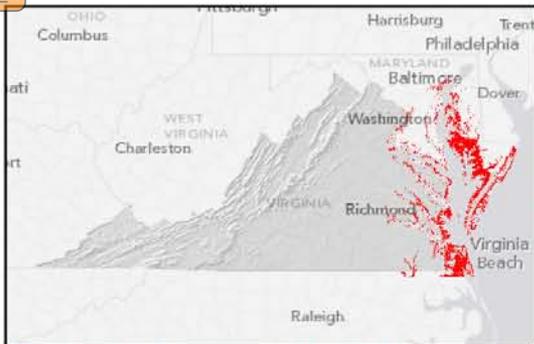


Virginia Coastal Partners Workshop



Mark Slauter

Virginia Department of Emergency Management





Gloucester
Gloucester

Mathews

198

State Route 611

Garden Creek

Mathews
Hamby's Rd

Rigby Island

3

17

Catlett Islands

Carmines Islands

Hayes

Mumfort Islands

216

Mathews Rd

Big Island

Hog Island

Cuba Island

Allens Island

Yorktown

238

Goosley Rd

Ballard St

Image © 2012 TerraMetrics
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Image © 2012 Commonwealth of Virginia

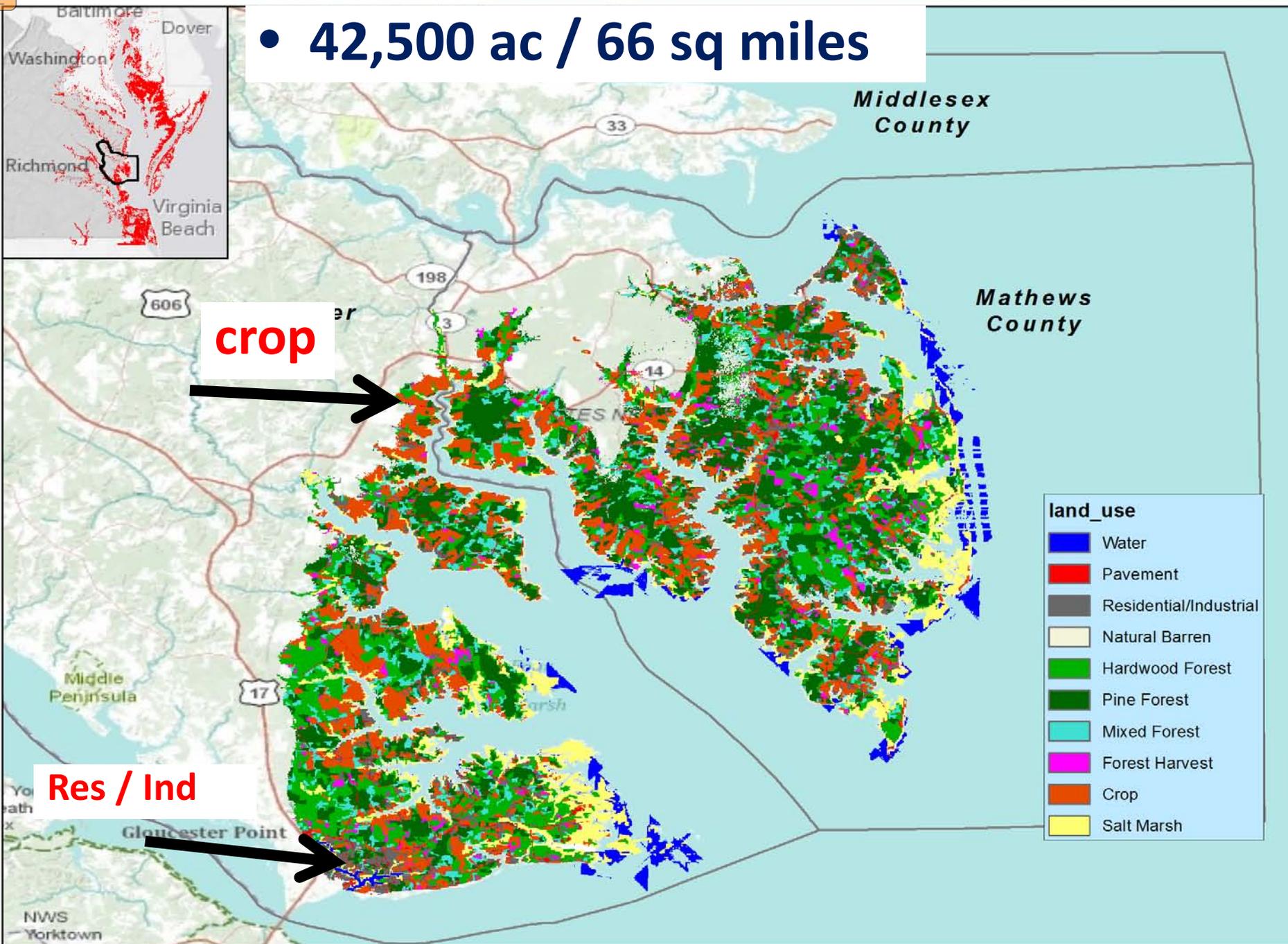
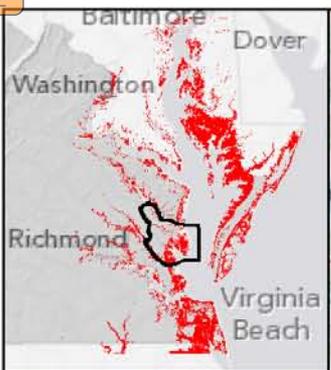
Google earth

Imagery Date: 4/6/2010

lat 37.343052° lon -76.408184° elev -2 ft

Eye alt 17.24 mi

• 42,500 ac / 66 sq miles

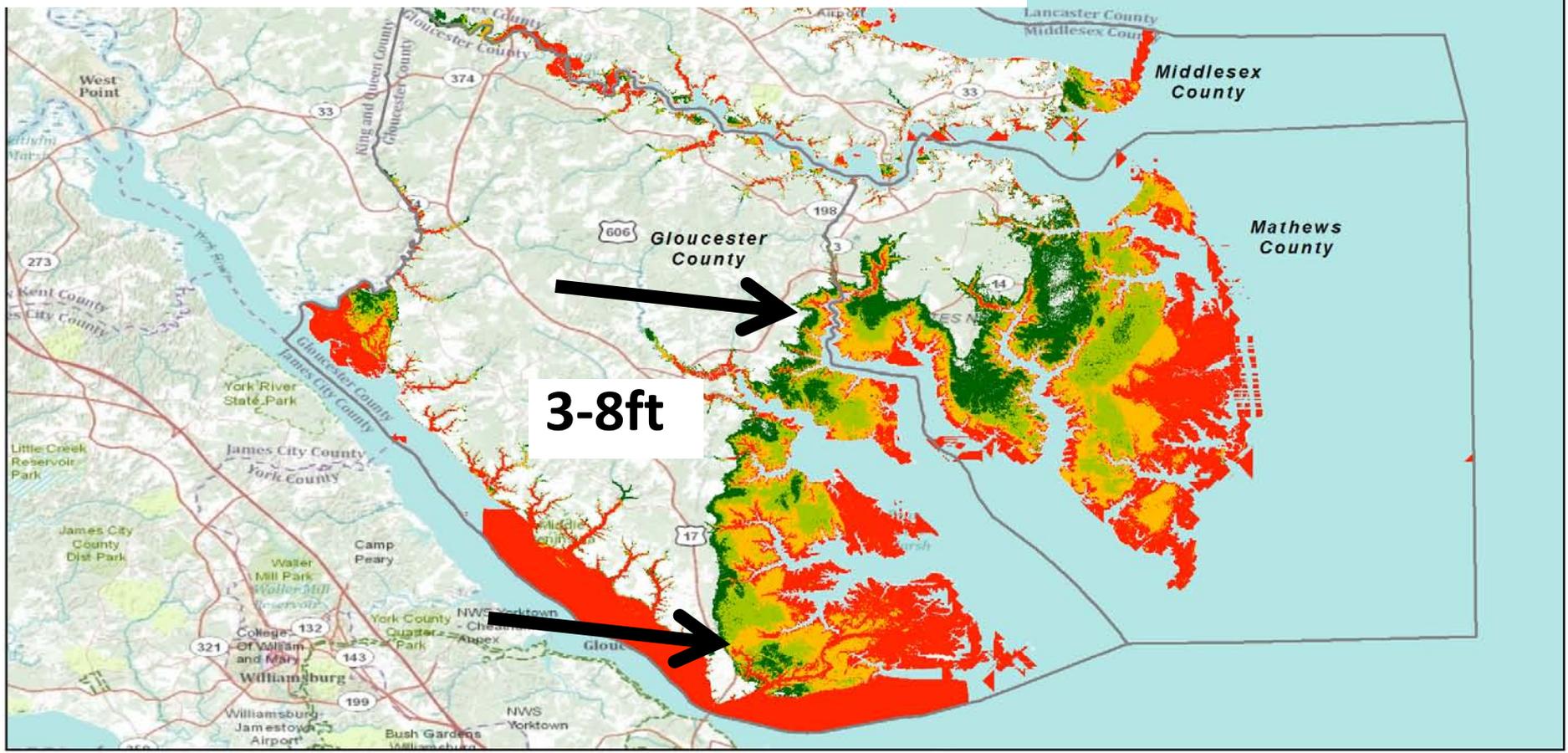
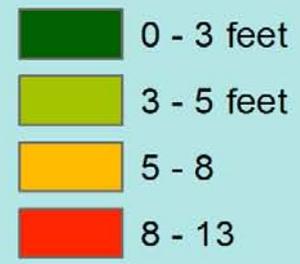


crop

Res / Ind

- 4000 NFIP structures/ \$1m
- Uninsured losses?
- Crop loss? Salt intrusion?
- Natural resources?
- Aquaculture?

Inundation Levels





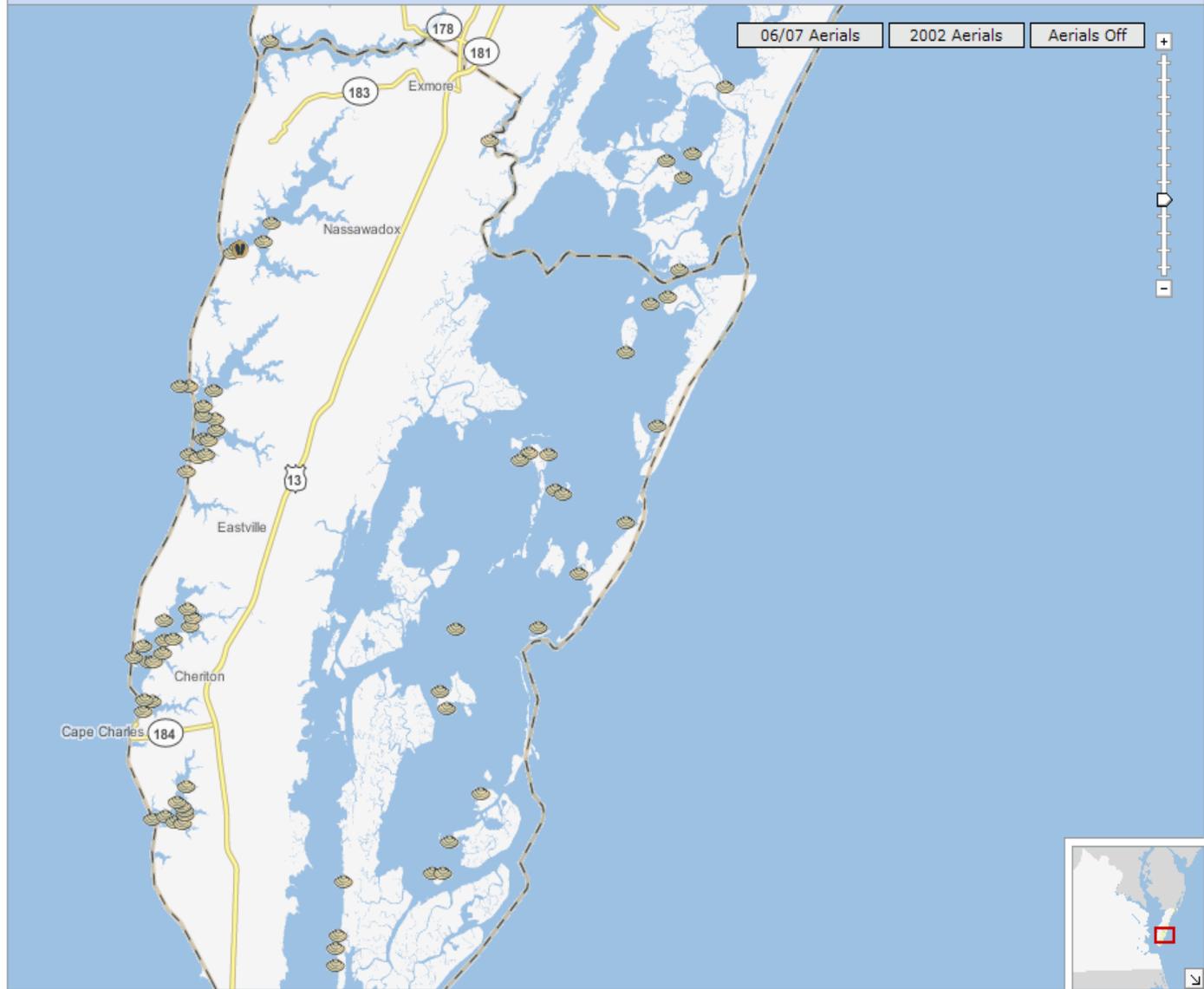
Go!

Map Layers Results

Show All Map Layers

- State Constructed Oyster Reefs
 - Commercial Shellfish Aquaculture Sites
 - Hard clam
 - Soft clam
 - Oyster
 - Crab shed
 - Oyster Gardening Sites
 - Submerged Aquatic Vegetation 2007 (SAV)
 - Submerged Aquatic Vegetation 2008 (SAV)
 - Seaside SAV Planting Sites
 - Anadromous Fish Use Areas
 - Threatened & Endangered Species Waters
 - Seaside Oyster Density
 - Healthy Streams
- Shoreline Features**
- Land Features**
- Wildlife Features**
- Recreational Features**
- Conservation Planning Tools**
- Healthy Waters Watersheds
 - Oyster Aquaculture Vulnerability Model
 - Clam Aquaculture Vulnerability Model
 - Accomack County Bayside Buffer Classificatio
 - Agricultural Value Model

Advanced Tools Export/Print





Address Search | Coastal News & Events | Zoom To Locality

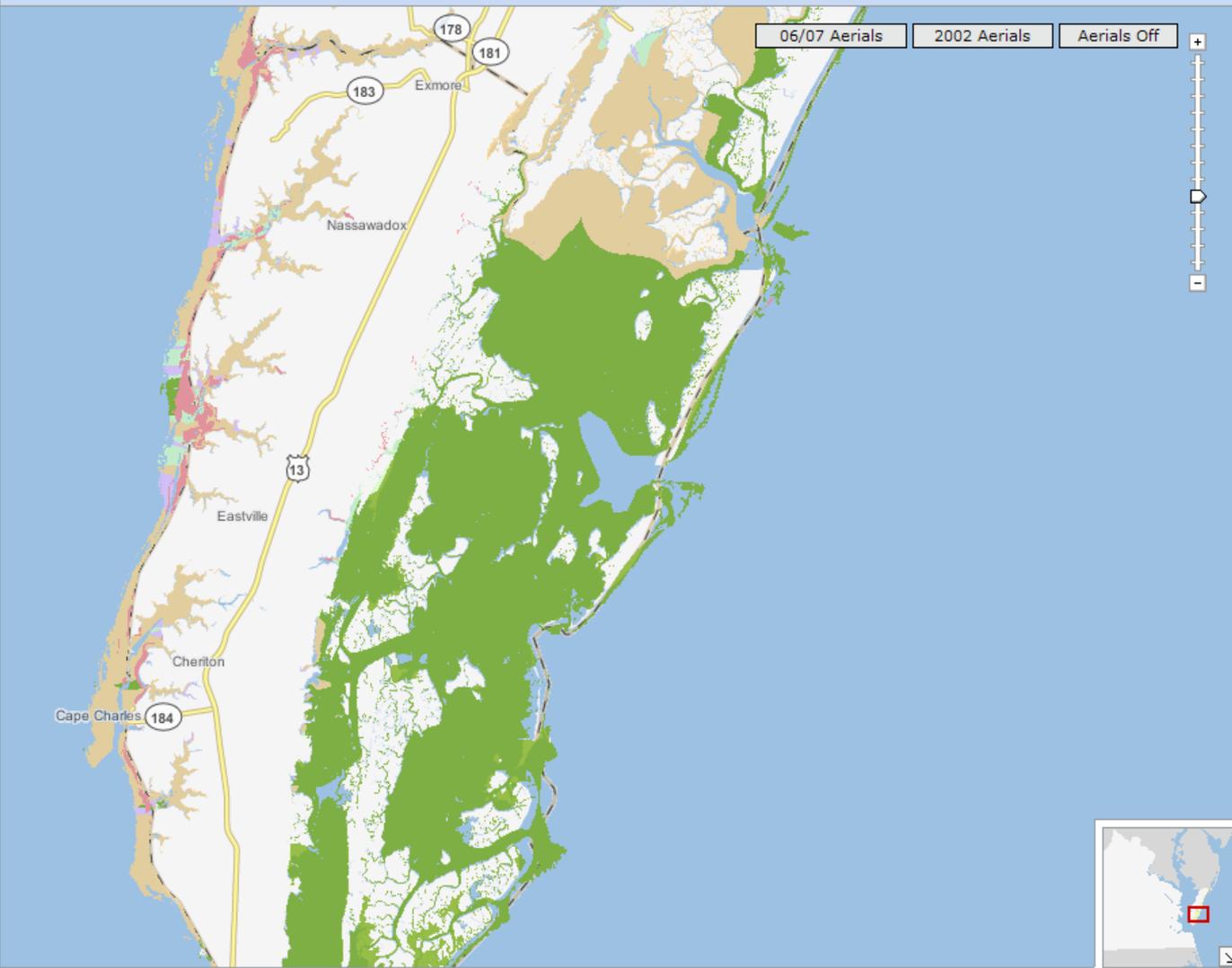
Go!

Map Layers **Results**

Show All Map Layers

- Arbitrary Non-Use Areas
- Threatened & Endangered Species Waters
- Seaside Oyster Density
- Healthy Streams
- Reline Features**
- Watershed Features**
- Wetland Features**
- Recreational Features**
- Conservation Planning Tools**
 - Healthy Waters Watersheds
 - Oyster Aquaculture Vulnerability Model
 - Risk Level 0 - no current or impending threats
 - Risk Level 1 - minimal risk
 - Risk Level 2 - existing H2O quality concerns
 - Risk Level 3 - future H2O quality concerns possible
 - Risk Level 4 - ecological use conflicts present
 - Clam Aquaculture Vulnerability Model
 - Accomack County Bayside Buffer Classification
 - Agricultural Value Model
 - Forest Economics Model
 - Condemned Shellfish Areas
 - Landscape Corridors
 - Tidal Flushing Rates
 - Watershed Integrity Model
 - Recreational Value Model
 - Potential Wetland Restoration Sites
 - Historic & Cultural Value Model

Advanced Tools **Export/Print**



5 mi Scale 1:250000

37° 07' 25.30"N 75° 51' 19.21"W



















Gulf Park Estates, MS Post-Katrina



October 2005

Gulf Park Estates, MS 2011



Belle Fontaine Dr

© 2012 Google

Google earth



What Do We Assess?

- Buildings
- Evacuation
- Shelters
- Roads
- Water/Sewer/Power
- Emergency Services



What Do We Not Assess?

- Agriculture
- Wetland Mitigation
- Aquaculture
- SAV Planting
- Special Habitats
- Bird & Wildlife sites

New York 2012



What is the natural resource threat?

What is the degree of risk to the resource?



Can/will we plan for this?





Seaside Heights, NJ Pre-Sandy



Seaside Heights, NJ Post-Sandy



Mantaloking, NJ Pre-Sandy



Mantaloking, NJ Post-Sandy

202 jeff davis ave long beach ms



Image © 2005 DigitalGlobe

© 2005 Google™

Pointer 30°20'44.92" N 89°08'42.94" W elev 10 ft

Streaming ||||| 100%

Eye alt 3357 ft

