ACE REGIONAL COASTAL STORM RISK MANAGEMENT STUDIES

NYNJHATS

NJ Back Bays

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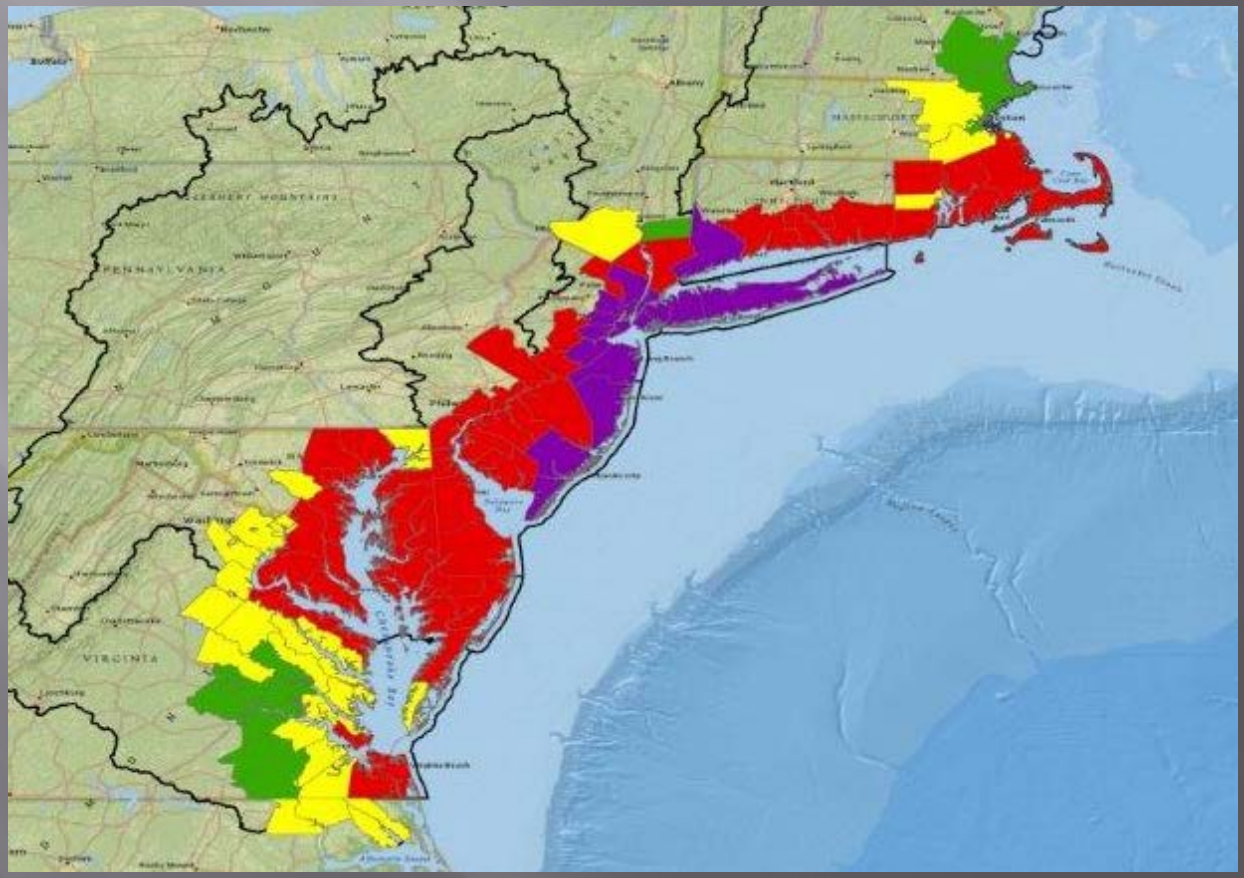
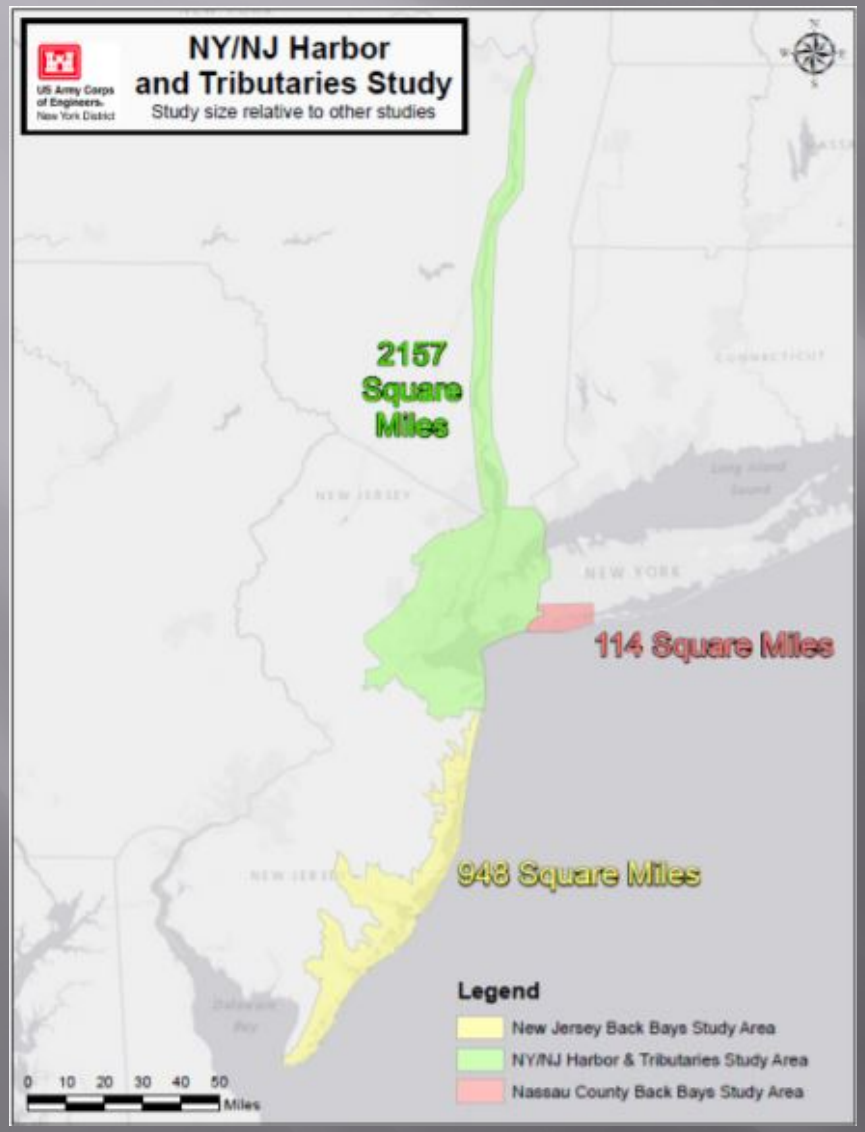
History

- North Atlantic Coast Comprehensive Study => regional coastal storm risk management studies



One County, Two Studies



<= NYNJHATS (green)

<= NJ Back Bays (yellow)

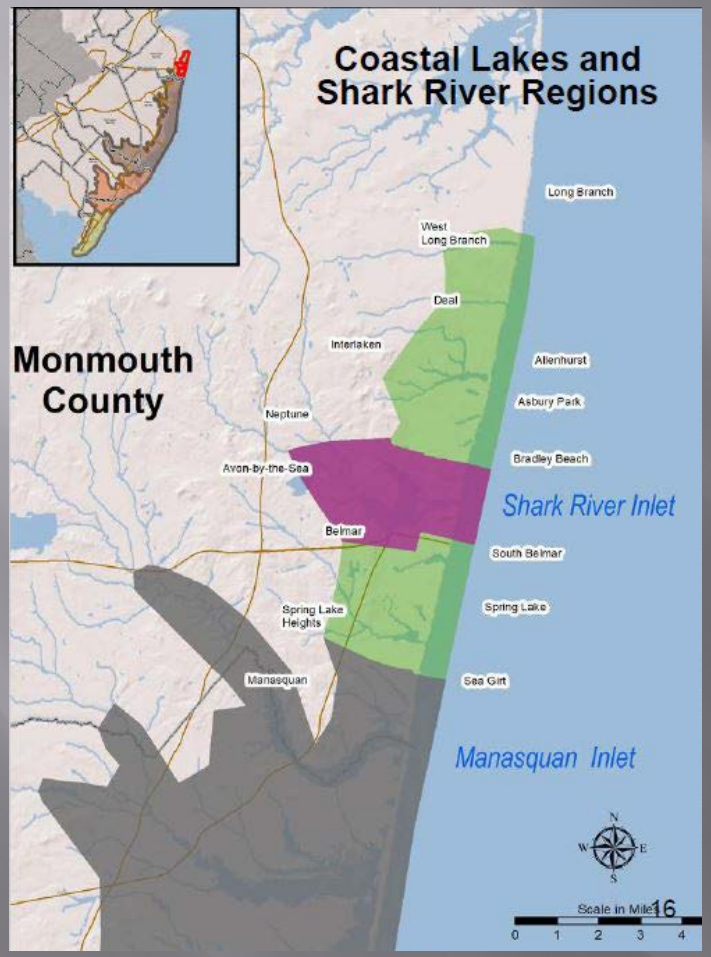
NYNJHATS Study

Study focus: Interconnected tidal water bodies landward of the ocean coastline in Monmouth, Ocean, Atlantic, Burlington, and Cape May Counties

Lower Bay Region:

- Raritan Bayshore
- Navesink-Swimming River Watershed
- Shrewsbury River Watershed

NJ Back Bay Study

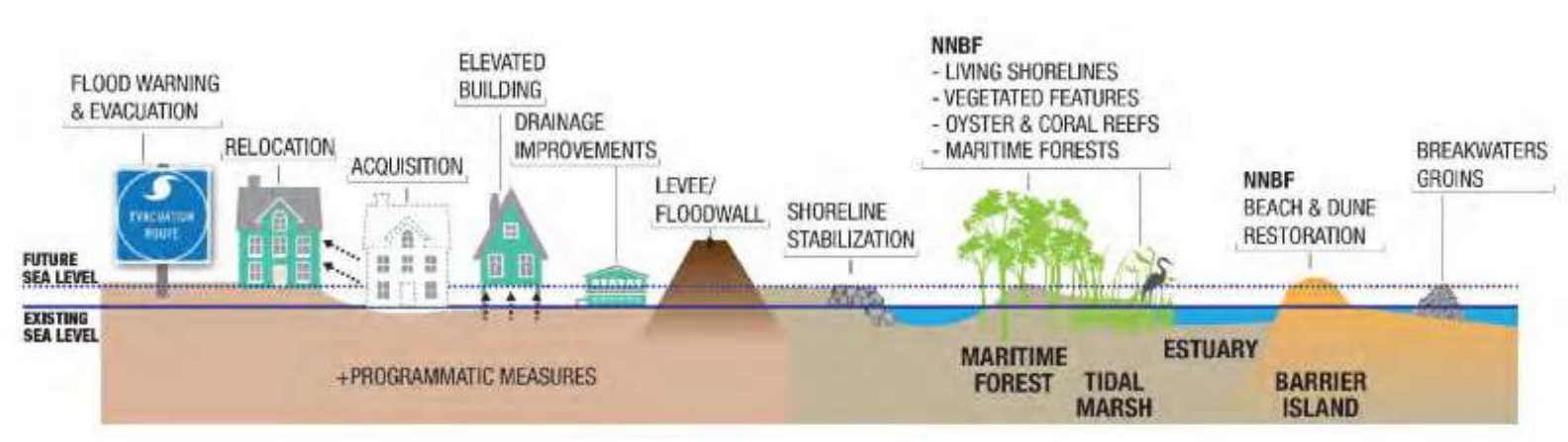


Study focus: Interconnected tidal water bodies in Monmouth, Ocean, Atlantic, Burlington, and Cape May Counties

Monmouth County: Long Branch to Manasquan Inlet including the Coastal Lakes.

Alternatives Under Consideration

- No Action
- Nonstructural Measures
- Natural and Nature-Based Features
- Structural Measures

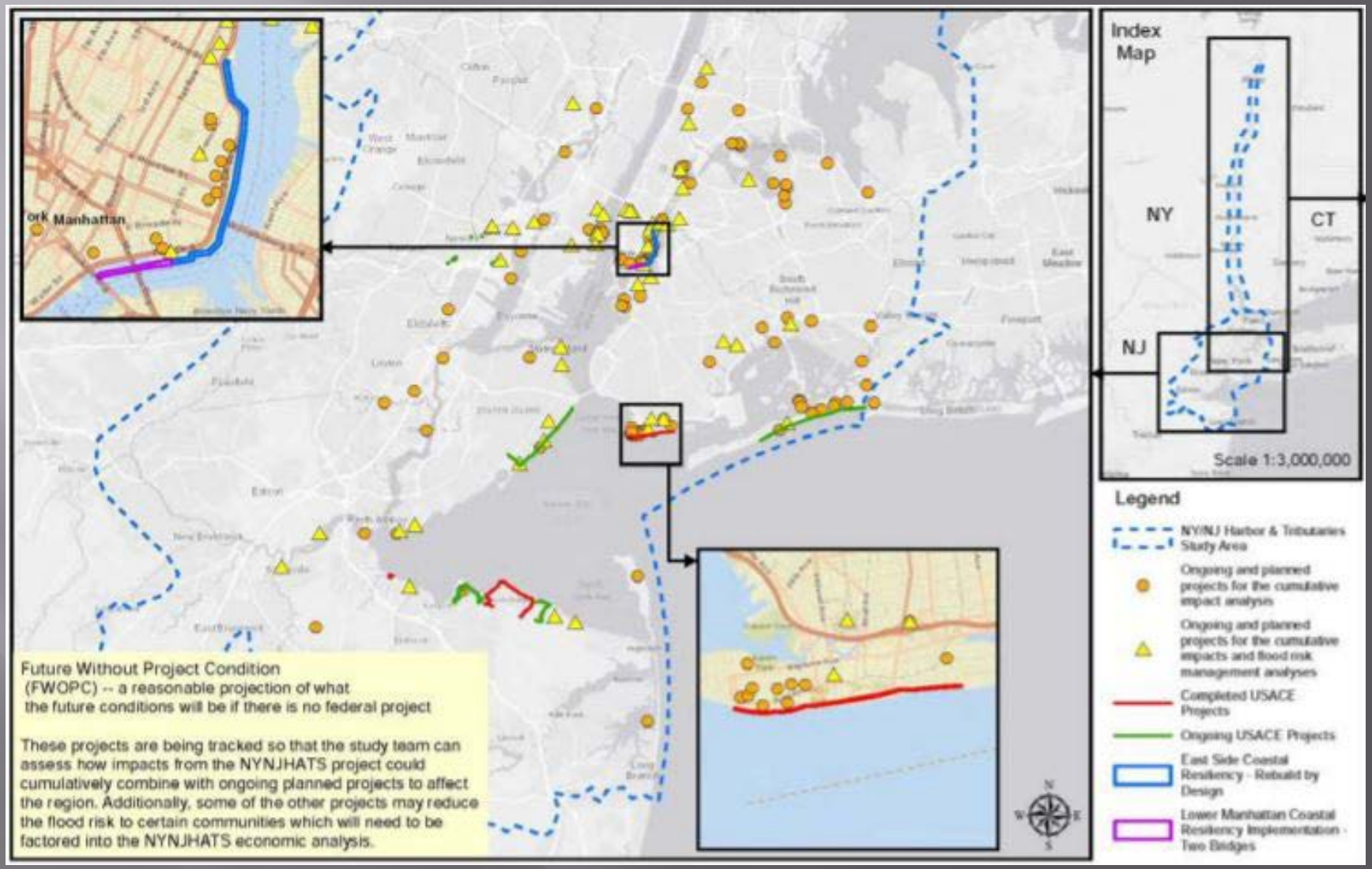


NYNJHATS Interim Report

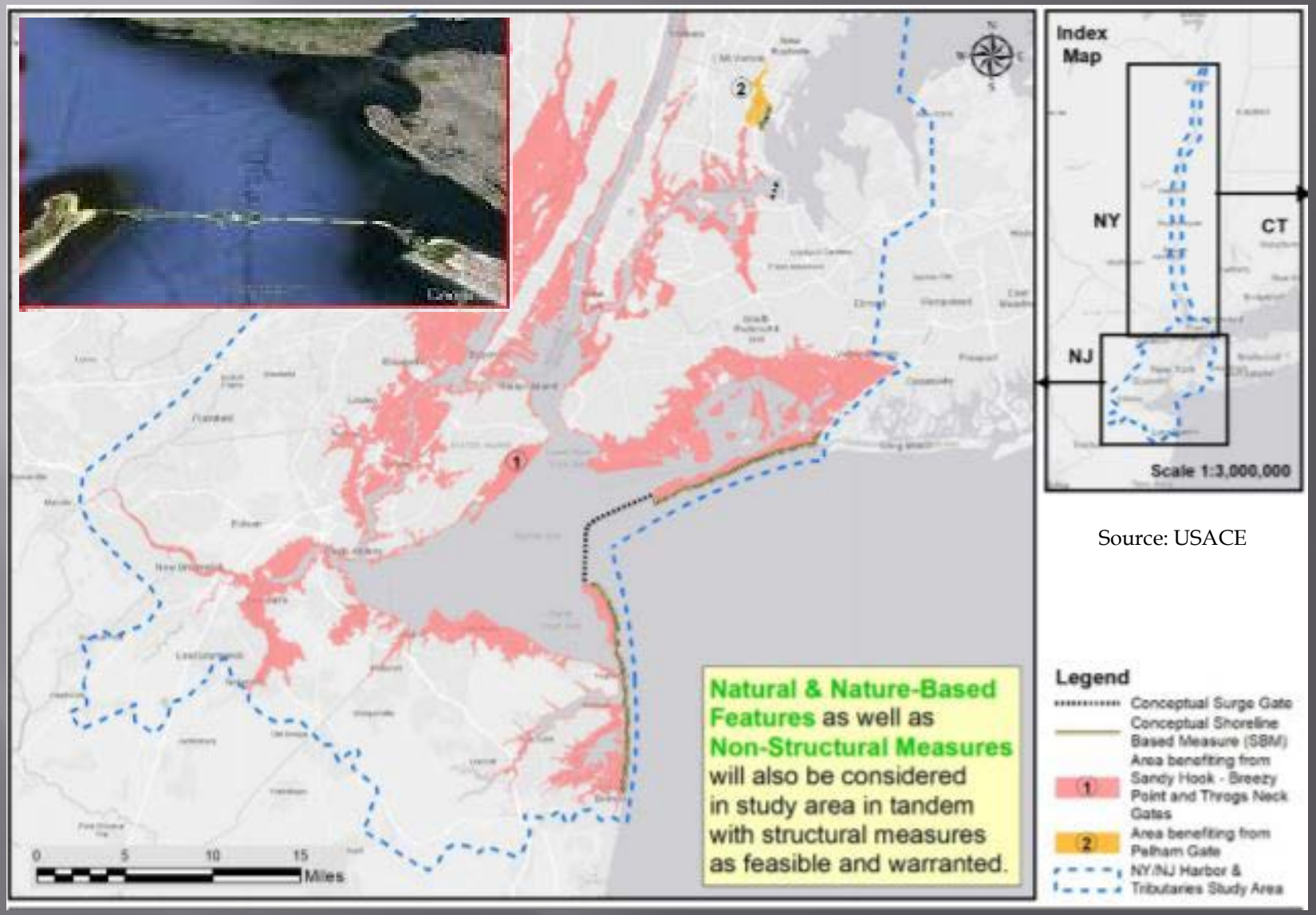
Feb. 19, 2019 - USACE New York District released interim feasibility report for the NYNJHATS Coastal Storm Risk Management (CSRM) study:

- Summarized Existing Information & Models
- Summarized Planning Process
- Presents very preliminary findings on concepts, alternatives and the cost/benefit analysis

HATS Alt. 1: No Action



HATS Alt. 2: Outer Harbor Barrier



Source: USACE

Next Steps

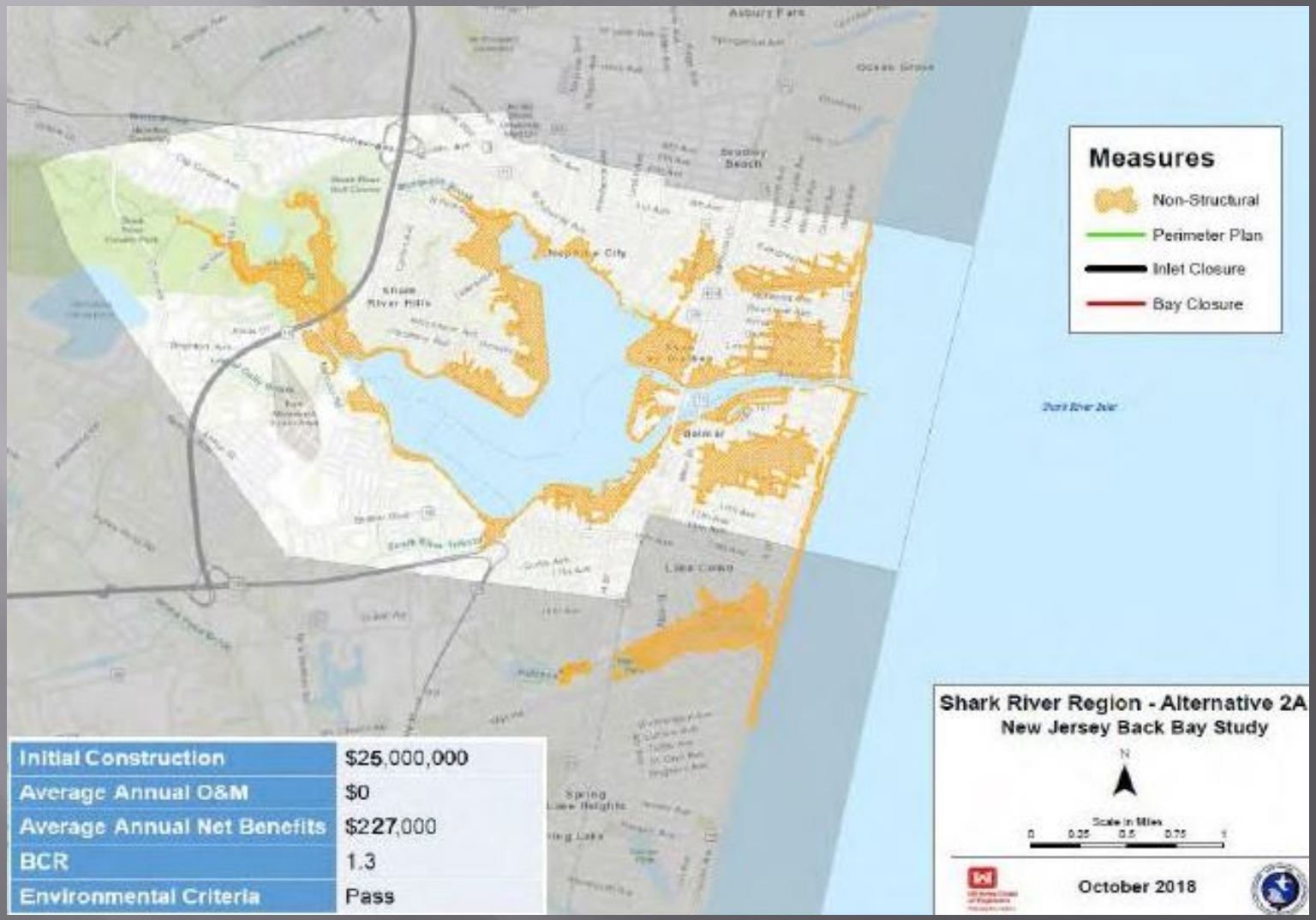
- April 17, 2019: Last public informational meeting on interim report
- May 1, 2019: Deadline for comments
- January 2020: Select Tentatively Selected Plan
- March 2020: Publically release the TSP with a Draft Feasibility Study & Tier 1 EIS
- April 2020: Public Meetings on draft reports
- March 2021: Final reports are due
- July 2022: Recommendation to Congress

Back Bay Interim Report

General Findings:

- March 1, 2019 - USACE Philadelphia District released interim feasibility study and environmental scoping document for the New Jersey Back Bay (NJBB) Coastal Storm Risk Management (CSRM) study
- Presents preliminary findings on alternatives
- Makes policy and programmatic recommendations (for FEMA, DEP, & local zoning)

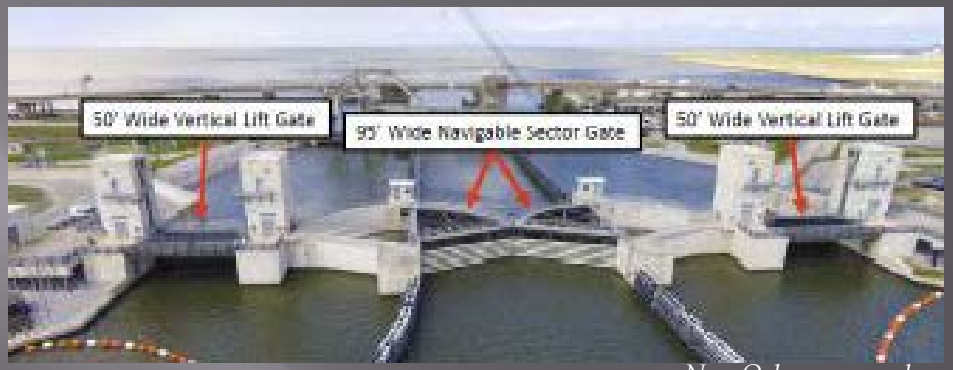
Shark River Area



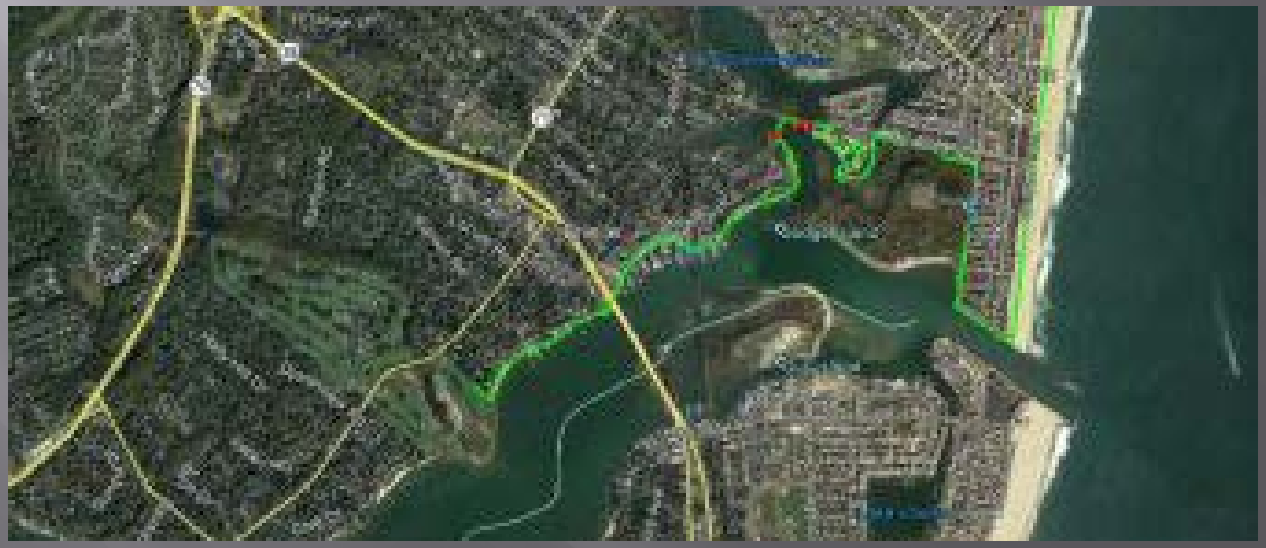
Manasquan Inlet

Still considering:

- storm surge barrier across the inlet
- floodwalls



New Orleans example



Coastal Lakes in the Study Area

Not Connected
- Lake Takanassee
- Deal Lake
- Sunset Lake
- Wesley Lake
- Fletcher Lake
- Lake Como
- Spring Lake
- Wreck Pond

Hydrologic Connecion
- Sylvan Lake
- Silver Lake
- Little Silver Lake
- Lake of the Lilies (Ocean Co)

Tidal
- Stockton Lake
- Glimmer Glass
- Lake Louse (Ocean Co)
- Twilight Lake (Ocean Co)

Next Steps

- Currently: Scoping out the proposed environmental impact statement
- May 2019: Expect a preliminary impact assessment will be released
- January 2020: More in depth EIS along with the tentatively selected plans.
- November 2021: Final feasibility reports are due

ACE NYNJHATS & NJ BACK BAY STUDIES

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