

NEW YORK-NEW JERSEY HARBOR AND TRIBUTARIES COASTAL STORM RISK MANAGEMENT STUDY

NEWTOWN CREEK SUPERFUND COMMUNITY ADVISORY GROUP

Bethany McClanahan
Project Manager
New York District
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AGENDA



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1. Study Background
2. Actionable Elements: An Interim Response to the Study Authority
3. What's Next?



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STUDY BACKGROUND

HISTORY

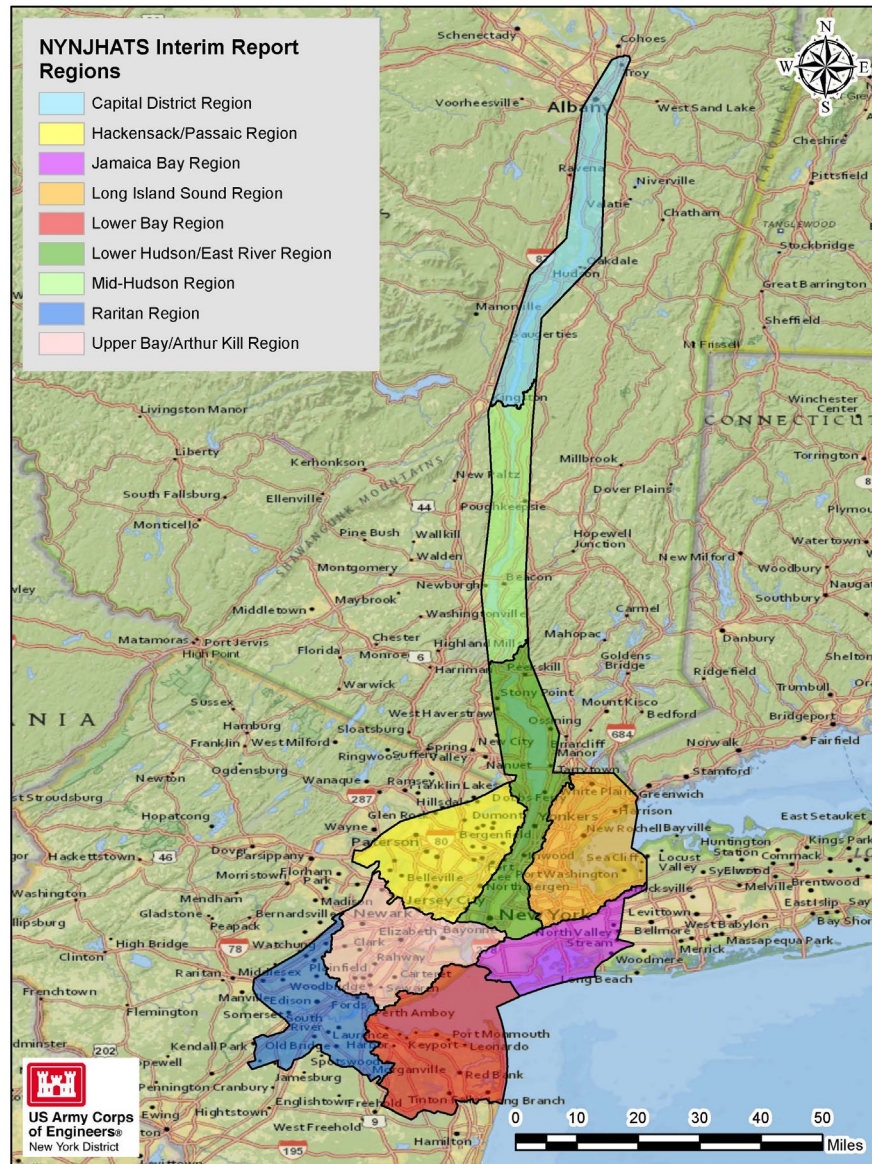
- Hurricane Sandy (2012)
- North Atlantic Coastal Comprehensive Study (2015)
 - Nine focus area studies, including New York-New Jersey Harbor and Tributaries (NYNJHAT) – the largest and most densely-populated

COMPREHENSIVE STUDY AREA

- Area covers 2,150+ square miles and 900+ miles of affected shoreline
- Affected population of roughly 16 million people, including New York City and the six most populated cities in New Jersey

COASTAL STORM RISKS & DAMAGES

- Significant Life/Safety Risk and over 275,000 Structures in Potential Impact Area
- Incorporates Dozens of Other Ongoing and Planned CSRM Projects in Study Area
- Present Value Damages for 100-Year Storm Range from \$100B+ for Intermediate Sea Level Rise to over \$350B for High Sea Level Rise Projection

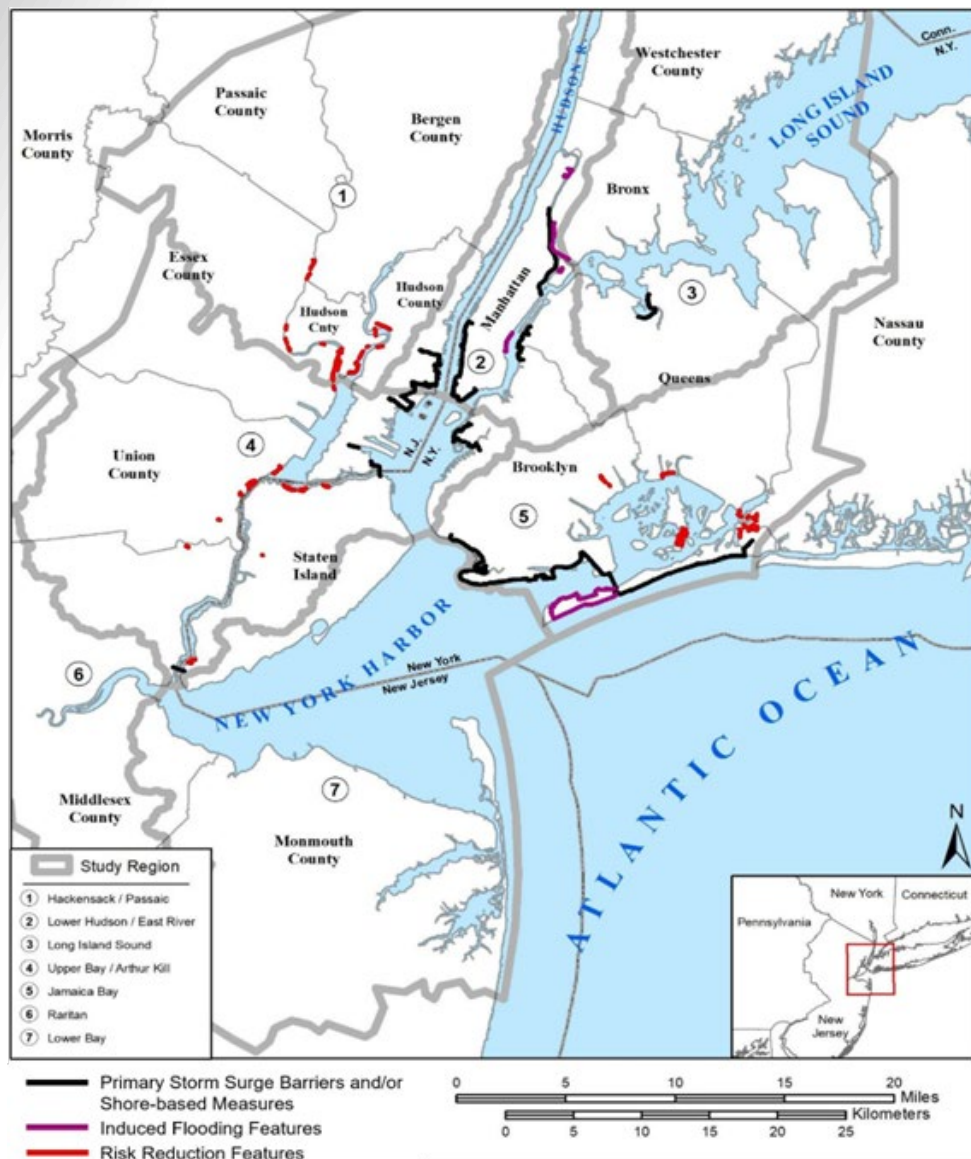




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STUDY ACTIVITIES TO DATE



- **2016:** Study kick-off
- **2018:** Public scoping period
- **2019:** Interim Report released
- **2022:** Draft Feasibility Report and Tier 1 (Programmatic) Environmental Impact Statement
 - \$52.7 Billion Tentatively Selected Plan (Alternative 3B)
 - 175-day public comment period, ~2,800 unique comments received
- **2025:** Draft Integrated Interim Response Feasibility Report and Environmental Assessment
- **2026:** Final Report – Chiefs Report of Recommended Plan



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PATHWAY TO ACTIONABLE ELEMENTS



- Shifted focus to near-term localized actions (Actionable Elements) for Interim Response document



- Actionable Elements are informed by the Comprehensive Plan



- Comprehensive Plan could be completed subject to availability of future funding



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IDENTIFYING ACTIONABLE ELEMENTS

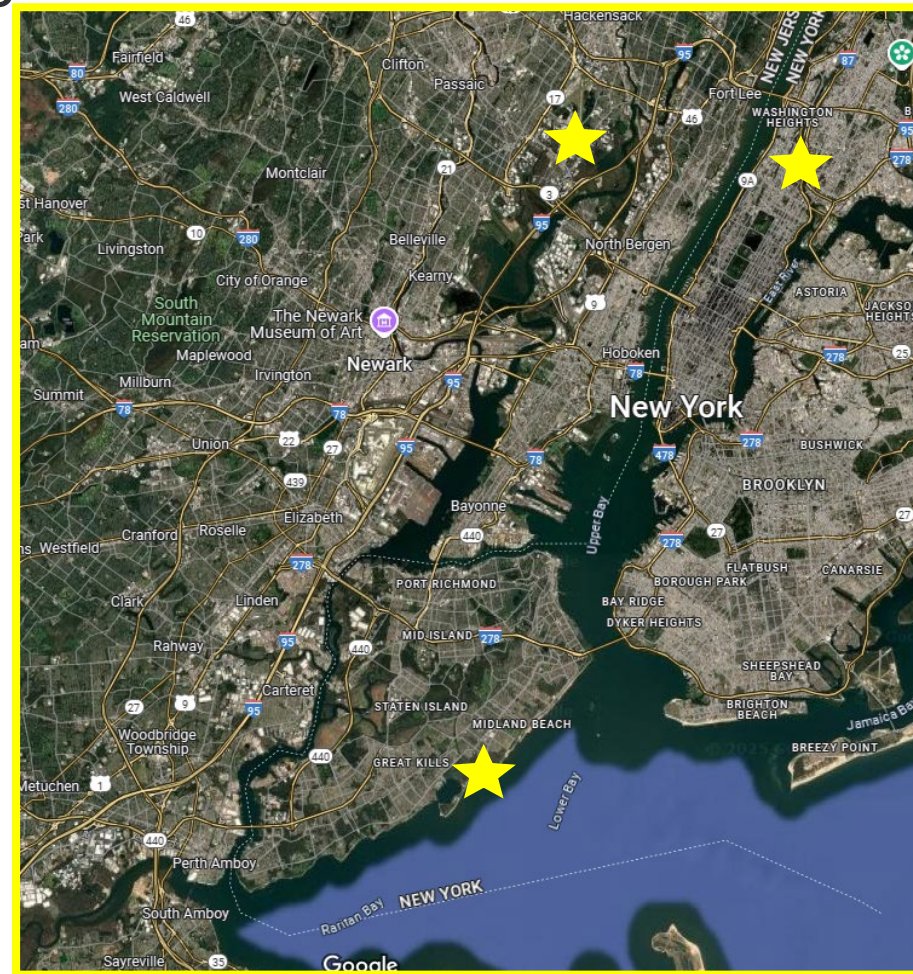


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Over 100 sites screened in four different iterations

Selection Criteria

- Must meet 35% design, Class 3 Cost Estimate
- Must avoid hazardous waste
- Must not rely on implementation of Comprehensive Plan to function
- Must be able to achieve full NEPA compliance
- Must not influence the decision on the NYNJHATS Comprehensive Plan
- Must have enough existing field data to support a recommendation
- Will seek to address critical infrastructure





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EAST RISER, NJ – RECOMMENDED FOR CHIEF'S REPORT



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NY-NJ HARBOR AND TRIBUTARIES STUDY



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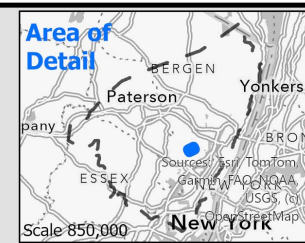
East Riser Actionable Element Project Measures

Moonachie and Carlstadt Boroughs
Bergen County, New Jersey
Date: 7/23/2025

Legend

- Hackensack/Passaic Study Region
- Municipal Boundary

- Channel Modifications
- Culvert Replacement(s)
- Areas Impacted by Culvert Replacement(s)
- Railroad Bridge Replacement



OAKWOOD BEACH, NY – NOT RECOMMENDED



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Oakwood Beach Actionable Element

Project Measures

Staten Island, New York

Date: 6/26/2025



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Legend

Vegetation & Rip Rap

- Proposed Shrubs
- Proposed Trees
- Proposed Coir Fiber
- Proposed Rip Rap



Existing Rip Rap

Contours

- 5ft Interval Contours
- 0.5ft-1ft Interval Contours

Additional Measures

- Maintained Path
- Ditch
- Debris Fence
- Fence Limit



Osprey Nests

Environmental Feature Zones

- Low Salt Marsh
- High Salt Marsh
- Maritime Dune
- Maritime Meadow
- Maritime Shrubland
- Short Maritime Grassland
- Tall Maritime Grassland
- Tidal Channels
- Tidal Pools

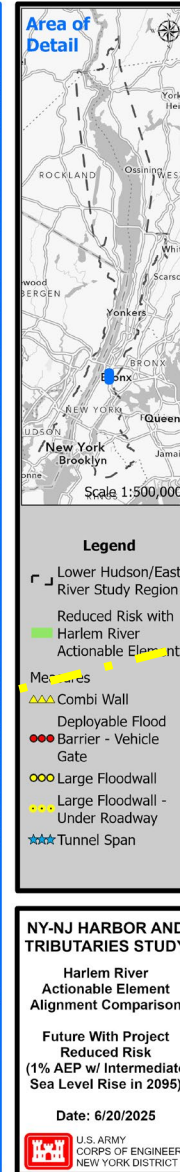
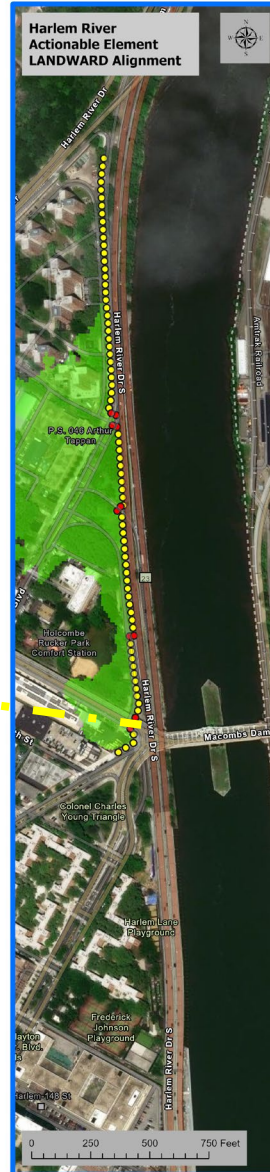




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HARLEM RIVER, NY – NOT RECOMMENDED

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WHAT'S NEXT?

- Study completion – Chief's Report in June 2026
- Potential inclusion in WRDA26 (construction authorization)

Construction funding - ???

Future Actionable Elements - ???

Complete Comprehensive Plan - ???



THANK YOU



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