

Nassau County Back Bays Coastal Storm Risk Management Feasibility Study



U.S. Army Corps
of Engineers



Why we are doing the study?

- Historic storms, including Hurricane Sandy, have severely impacted the back bay communities of Nassau County. The Nassau County Back Bays Study was developed out of the larger North Atlantic Coast Comprehensive Study which identified nine high-risk areas on the Atlantic Coast for further in-depth analysis.

What areas are being studied?

- The study area extends approximately 30 miles in the east-west direction, primarily in Nassau County, but also in adjacent portions of Queens and Suffolk Counties. The study area includes all of the tidally influenced bays and estuaries hydraulically connected to the south shore of Nassau County on the Atlantic Ocean.

What is the objective of the study?

- The objective of the study is to determine the feasibility of a project to reduce the risk of coastal storm damage in the back bays of Nassau County, while contributing to the resilience of communities, important infrastructure, and the natural environment.

What is the study process?

- The study will consider past, current, and future coastal storm risk management and resilience planning initiatives and projects underway by the USACE and other Federal, State, and local agencies to ultimately recommend a plan to manage coastal flood risk

What alternatives will be considered?

- The team will consider a variety of solutions, including system-wide coastal storm risk management solutions (e.g. policy and programmatic strategies); structural solutions (e.g. storm surge barriers, bulkheads, levees); non-structural solutions (e.g. flood proofing, acquisition, flood warning systems), and natural and nature-based features (e.g. reefs, living shorelines).

What is the schedule?

- The U.S. Army Corps of Engineers currently estimates that a tentative plan will be identified in May 2020.

Who is involved?

- The U.S. Army Corps of Engineers is managing the study.

- The non-Federal study sponsor is the New York State Department of Environmental Conservation (NYSDEC) in partnership with Nassau County, NY.

- Municipalities, non-profit organizations, academia, the general public and other stakeholders are encouraged to provide feedback and input throughout the study process.

For more information...

<https://www.nap.usace.army.mil/Missions/Civil-Works/Nassau-County-Back-Bays-Study/>

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