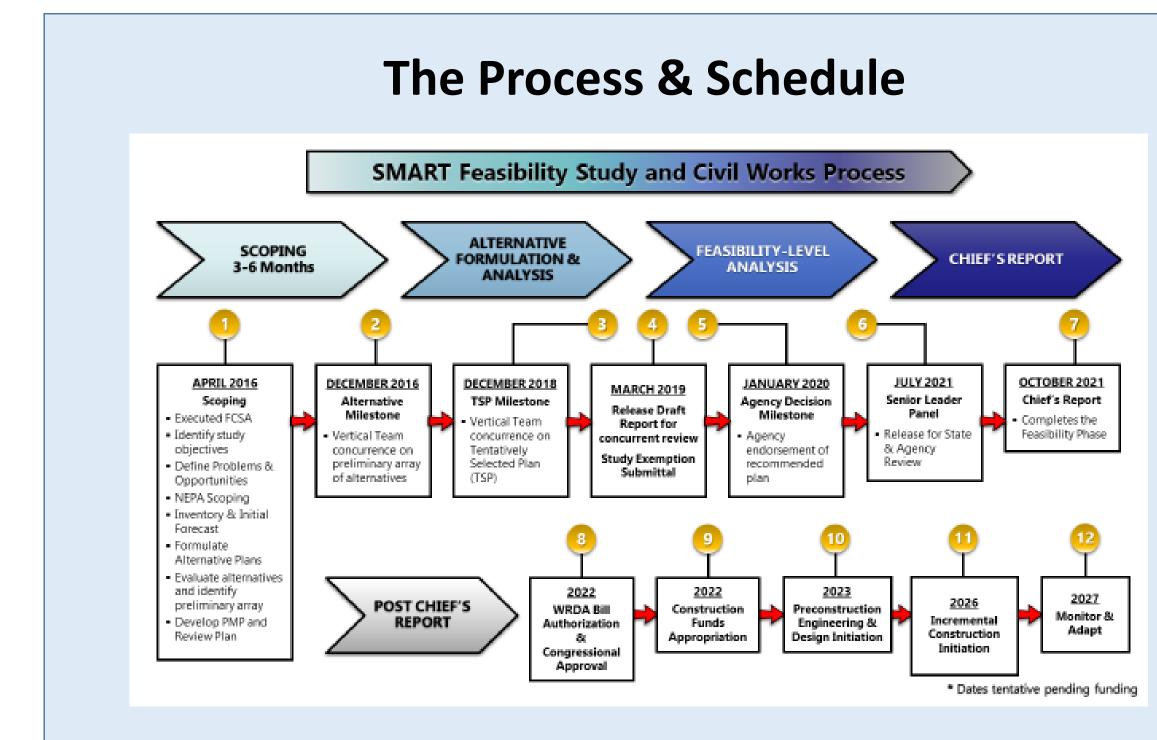
THE NEW JERSEY BACK BAYS COASTAL STORM RISK MANAGEMENT FEASIBILITY STUDY

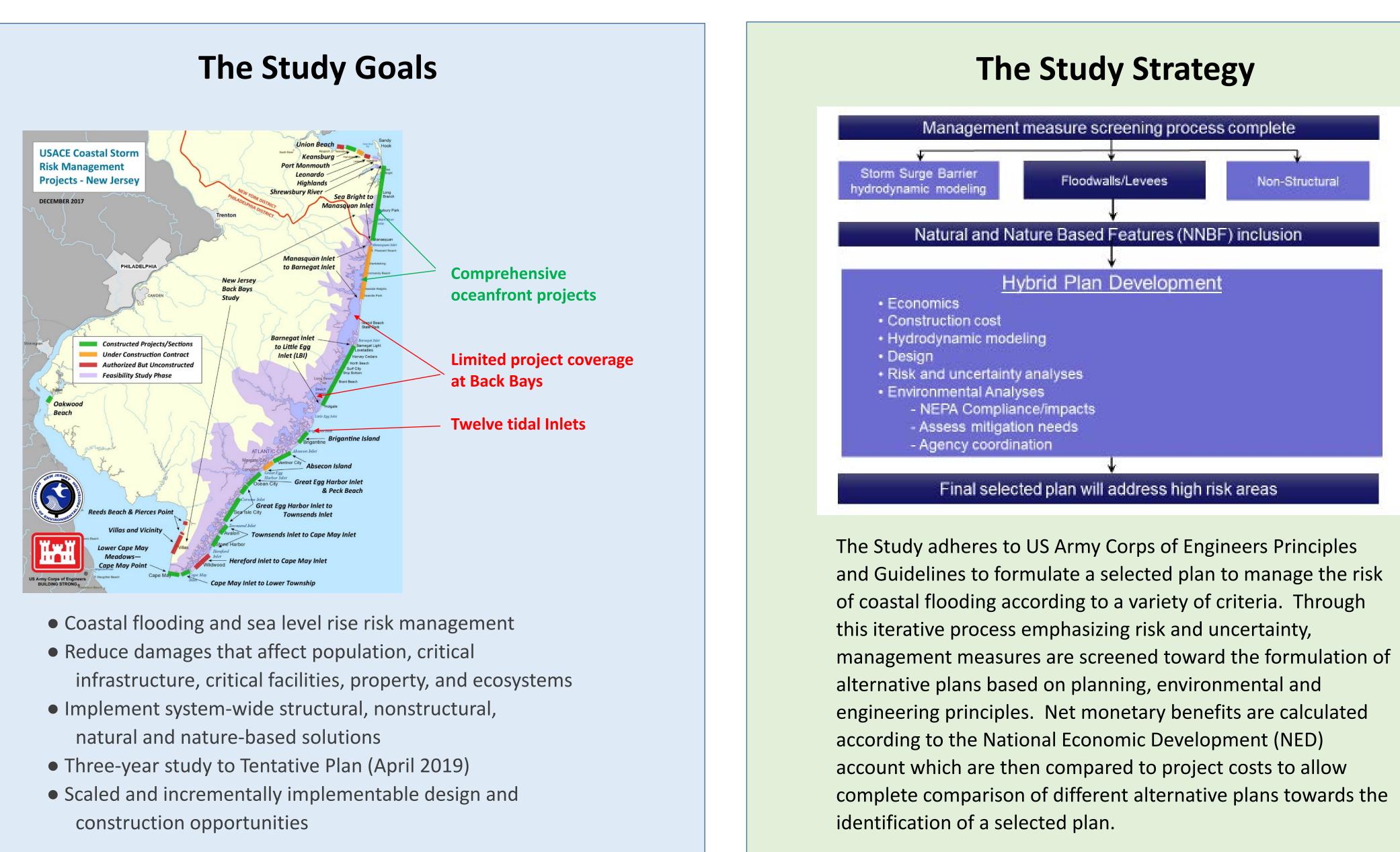
The Problem



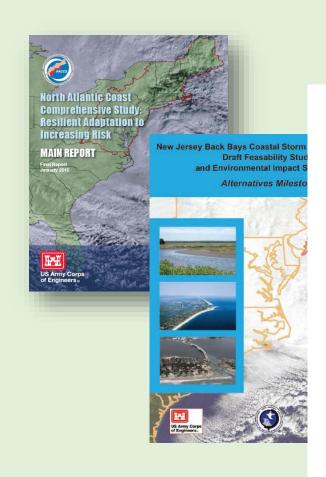
- Sandy caused \$30 billion in damage in NJ
- An estimated 72,000 homes and business in NJ damaged or destroyed – more than 40,000 in Ocean County (Reference: FEMA)
- Multiple nor'easter events since Sandy
- > \$1 billion average annual flood damage under existing conditions
- Limited project coverage in Back Bays
- 12 tidal inlets (5 Federal navigation channels). Connected by NJ Intracoastal Waterway

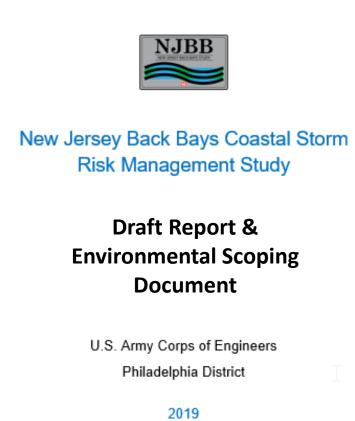


An agreement between the Army Corps of Engineers and the NJDEP was executed in 2016. The three-year study schedule for the NJBB study has been extended due to the complexity and size of the study area. The current date for a signed Chief's Report, which concludes the feasibility study is 2021. Other pertinent study dates include the Tentatively Selected Plan milestone meeting in December, 2018 and the release of the Draft Feasibility Report for concurrent review in January, 2019. Additional Civil Works Process dates include Pre-Construction Design and Engineering completion (2026), construction completion (2030) and monitoring and adaptive management commencement (2031).



The Report Structure







Reporting will identify an economically justified selected plan that meet Federal and State Standards and Procedures to manage coastal flooding risk in the Back Bays of New Jersey. This Selected Plan will address the Problems and Goals and will adhere to the Study Strategy as well as North Atlantic Coast Comprehensive Study (January 2015) principals and previous NJBB documents. Specific Report topics include:

- Planning considerations (Goals, problems & opportunities)
- Study Need
- Existing conditions
- Future projections
- Economic, hydrodynamic, design and cost analyses
- Management measure and alternative plan screening/formulation
- The Tentatively Selected Plan (TSP)
- Risk and uncertainty evaluation
- Real estate considerations
- Plan implementation and construction sequencing
- Operation and maintenance considerations
- Environmental considerations of the TSP (NEPA compliance, impacts & mitigation)
- Systems/Watershed context





