

# BUILDING RESILIENCE

The St. Augustine, Florida Back Bay Coastal Storm Risk Management (CSR) Feasibility Study will conduct activities and tasks required to identify and evaluate alternatives and produce a decision document that, as appropriate, recommends a coordinated and implementable solution for hurricane protection, storm damage reduction, beach erosion control, and other related purposes at St. Augustine, Florida.

In partnership with the City of St. Augustine and its stakeholders, the study will explore effective, economically-viable and environmentally-sound solutions to mitigate risks and build enduring coastal resiliency - and amidst the potential impacts of sea level rise on the city's character and livability.

A feasibility study is the first step toward a potential federally-cost shared water resources project that could be one piece of the City of St. Augustine's overall, long-range flood resiliency strategy.

\* The typical cost of a CSR study is \$3 million. The cost will be split 50/50 percent between the U.S. Army Corps of Engineers (USACE) and the City of St. Augustine, Florida.



US Army Corps  
of Engineers ®



## TYPICAL SCHEDULE | PLANNING MILESTONES FOR A 3-YEAR STUDY \*



\* The study schedule, scope, and budget can vary depending upon the complexity of the study area and corresponding problems identified throughout the study process; changes to the 3-year, \$3 million parameters require documentation and approval of division and Headquarters USACE and concurrence of the local sponsor. A specific schedule and budget for this study will be developed after the Feasibility Cost Sharing Agreement (FCSA) is signed.

## STUDY AREA

Through the planning process, the study will assess the multi-faceted landscape within the city limits of St. Augustine. Maintaining St. Augustine's unique and rich multi-layered sense of place will be a priority of the team as they develop and evaluate alternatives to reduce coastal storm risk.



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## TRANSPARENT PLANNING PROCESS

Feasibility studies use a transparent 6-Step Planning Process that pursues alternatives to reduce economic damages from storms over a 50-year project life, consistent with environmental statutes. In addition to economic and environmental conditions, regional economic development and social effects are addressed during the planning process. There are a variety of approaches, both quantitative and qualitative, to assist with multi-criteria decision making and plan selection.

Public input is paramount in the decision process. Multiple public/stakeholder meetings will occur throughout the study.



## MULTI-DISCIPLINARY PROJECT DELIVERY TEAM

The project delivery team (PDT) is the workgroup tasked with conducting the study and consists of varied experts including planners, engineers, biologists, geologists, hydrologists, surveyors, archaeologists, economists, real estate specialists, and more to address problems and opportunities. Each team member is responsible for identifying water resources problems and assisting in formulating solutions to those problems within their area of expertise. This interdisciplinary approach to problem solving is key to a successful feasibility study.

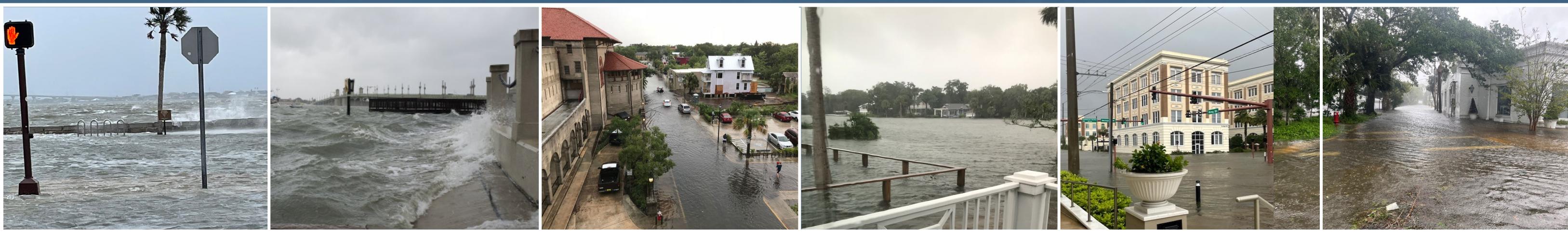


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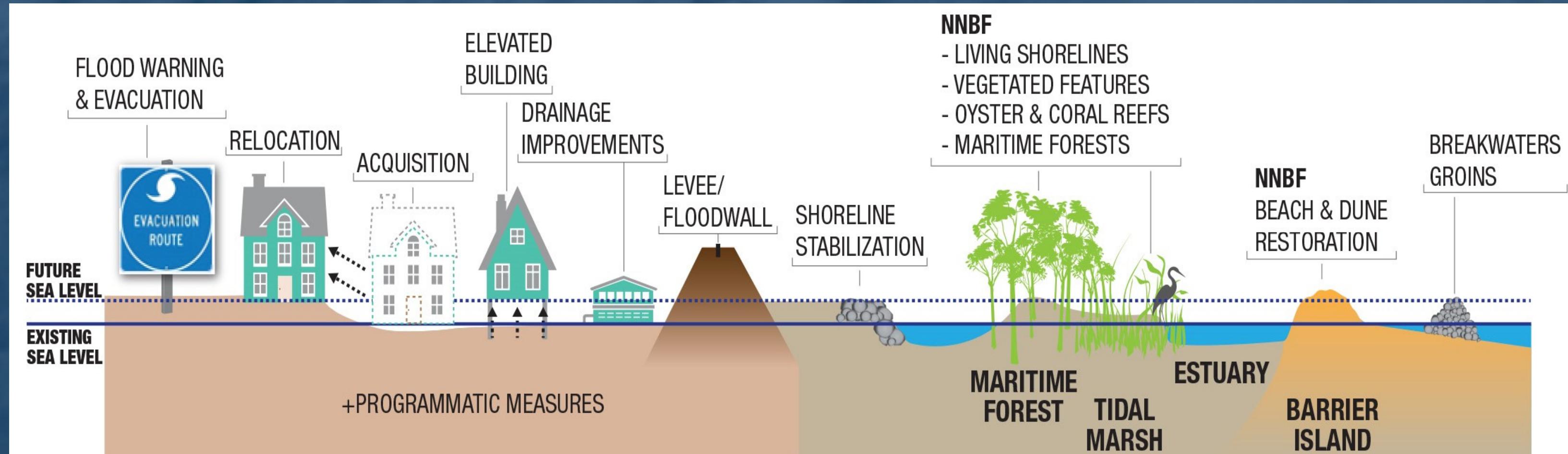
## INTEGRATED FEASIBILITY REPORT AND NATIONAL ENVIRONMENTAL POLICY ACT ANALYSIS

The National Environmental Policy Act (NEPA) is a Federal law enacted in 1969. As required by NEPA, USACE will assess the potential environmental effects of the study alternatives, including a no action alternative. The report also documents coordination with the varied resource agencies that help to shape the final recommendation. Examples of NEPA effects categories include:



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## FULL ARRAY OF MEASURES INCLUDING NATURAL AND NATURE-BASED FEATURES (NNBF) CONSIDERED



\*\* Contingent Upon  
Congressional Authorization  
and Appropriations

# ST. AUGUSTINE, FLORIDA BACK BAY CSR STUDY