

PROJECT OVERVIEW REPORT

1. UTC Identifying Number
69A3551847102
2. Center Identifying Number
CAIT-UTC-REG83
3. Project Title
Assessment of Waterfront Asset Resiliency
4. Principal Investigator & Contact Information
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7. Project Description
The primary goal of this proposal is to enhance the understanding of hazards, vulnerabilities, and potential impacts on critical assets at the Little Egg Harbor Yacht Club and develop effective strategies for risk reduction and resilience enhancement.
8. Implementation of Research Outcomes (or why not implemented)
The intended outcome of the project is to generate data to develop a "Waterfront Infrastructure GeoDatabase Interface" or WIGI, viewable as a customized Environmental Systems Research Institute (ESRI) ArcGIS Pro Software Application that will include a geolocated 3D visualization of identified assets with their associated attribute tables, and functionality to perform RAMCAP analysis. This tool will provide valuable insights for the Yacht Club Management to make informed decisions, plan to allocate resources effectively, and enhance the overall resilience of their waterfront site.
9. Impacts/Benefits of Implementation (actual, not anticipated)
To Be Determined

10. Dates and Budget

Start date: 9/1/2023

End date: 8/31/2024

UTC (CAIT) Dollars: \$69,062

Cost Sharing: \$0

Total Dollars: \$69,062

11. Keywords

RAMCAP, Maritime Asset Management, Risk Analysis

12. Web Links (Reports and Project Website)

<https://cait.rutgers.edu/research/assessment-of-waterfront-asset-resiliency/>