

Planning for a Resilient Future

THE SEAWALL SUBCOMMITTEE

Planning Meeting
January 11, 2021

Agenda

Deborah Lamm, Welcome and Introductions

Charge to the working subcommittee

Joan Beth Brown, Welcome & Update on DEM grant

Jocelyn Lahey, Review of SLR/Surge Initiative to date

Pete August, Watch Hill Sea Wall: Past and Future

Questions to explore (group discussion):

Engineering studies to date, advisors and professionals.

A fresh look, other engineering solutions.

What have others done? Boston waterfront?

Cost-Benefit analysis of enhancing the Watch Hill Harbor sea wall.

Financing?

Deborah Lamm, Timetable, next meetings

Adjourn

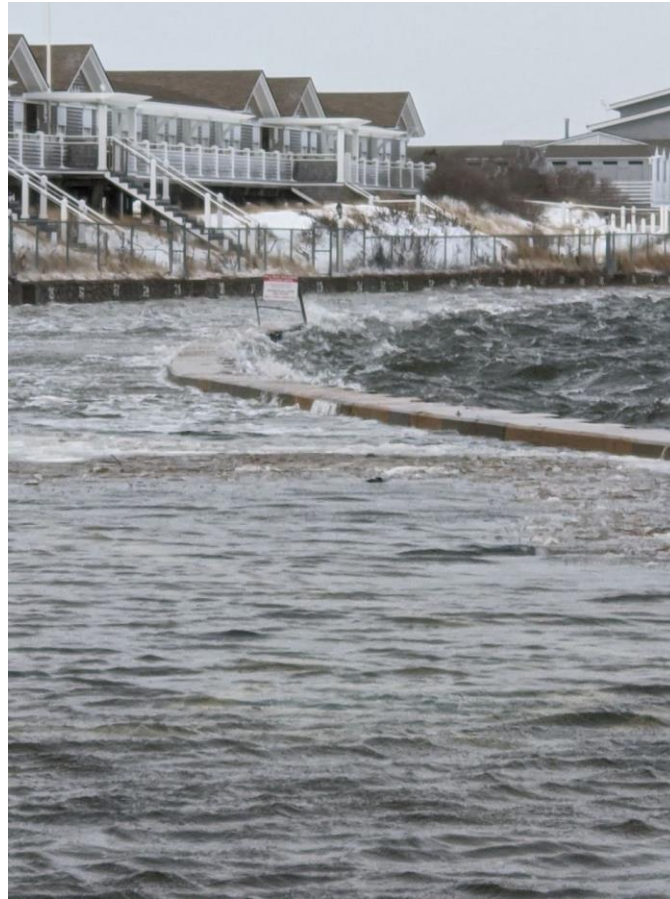


SLR/SURGE IN WATCH HILL
A COMMUNITY FORUM

Watch Hill Fire District
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DECEMBER 2020 STORM



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GOALS OF THE INITIATIVE



- Engage in a community discussion of the risks that sea level rise and storm surge impose on Watch Hill, especially Bay Street.
- Represent the diversity of interests and stakeholders.
- Review and implement solutions.



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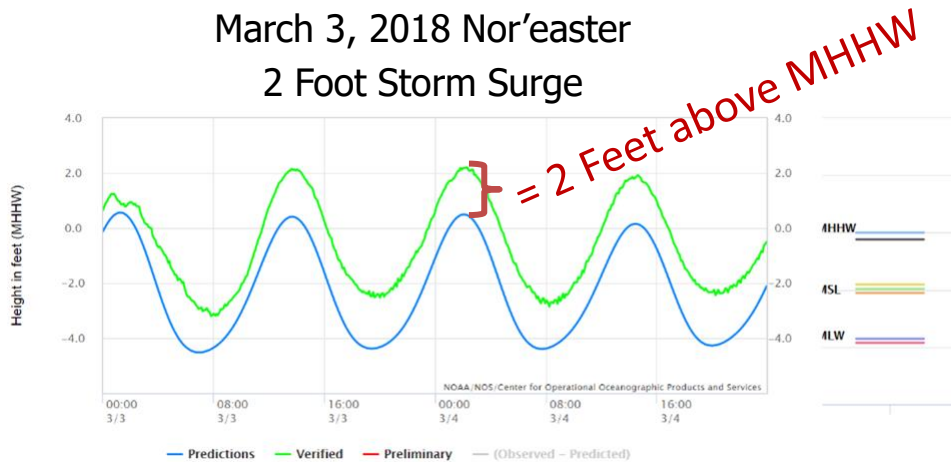
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YEAR 1 (2018 -2019)

Goal: Understand the science behind SLR and Surge, what tools can be used to assess risk, and CRMC guidelines

March 3, 2018 Nor'easter
2 Foot Storm Surge



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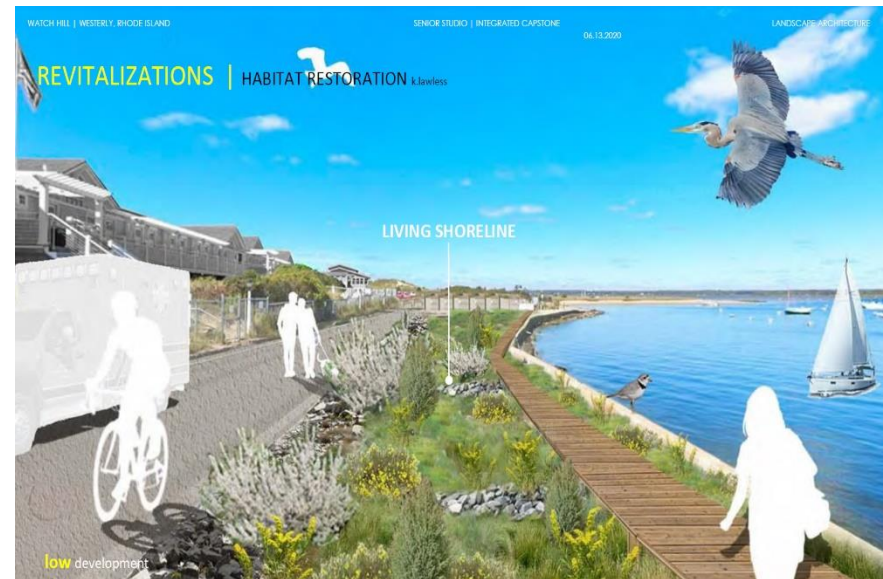
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YEAR 2 (2019-2020)

Goal: Learn what mitigation actions have been undertaken by similar coastal communities to reduce risk from SLR and Surge.



Jon Reiner, Director of Planning Groton



Landscape Architect Student Proposed Solution



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YEAR 3 (2020-2021)

Goal: Answer the question – What are the options in fortifying the Watch Hill Harbor seawall to withstand a 3-5 foot SLR scenario?



NOAA prediction for 2050: Sea level will be 2-3 feet above current level

The March 2018 Nor'easter is a snapshot of what we will see every day in 2050



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WATCH HILL SEA WALL



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