

# TOWN OF MARSHFIELD



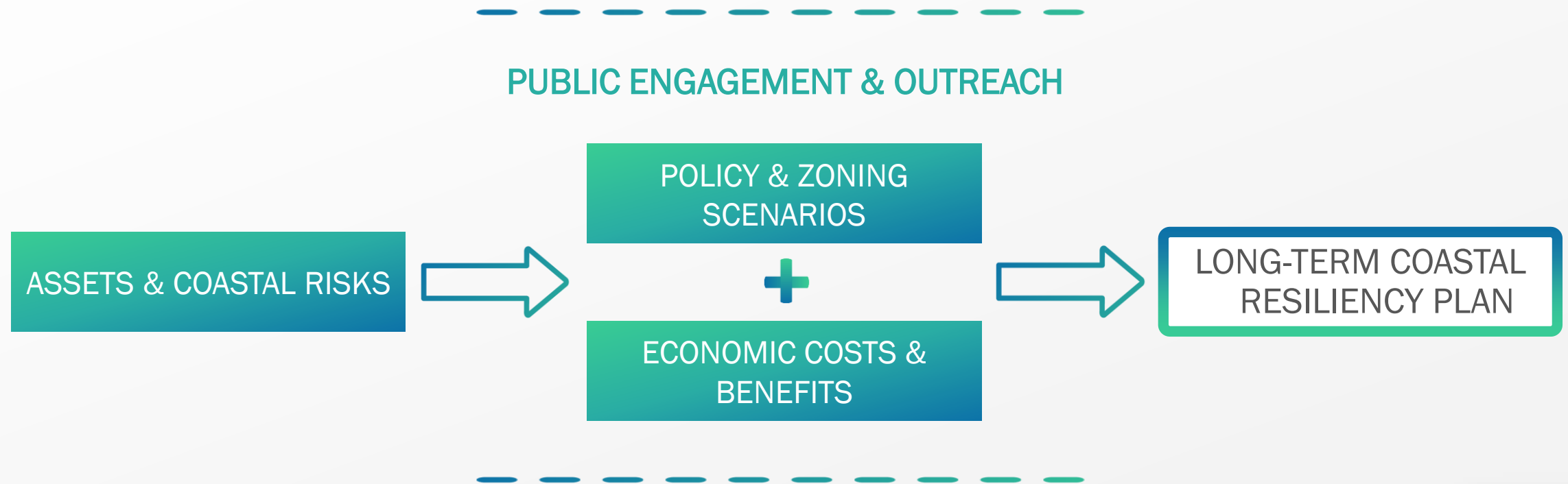
# Long-term Coastal Resiliency Plan

Public Workshop | November 10, 2021



# Project Overview

**Goal:** Develop guiding principles and recommended policies and zoning to proactively reduce future coastal flooding and erosion vulnerabilities and, if necessary, rebuild in a more resilient way after a future catastrophic event



The project will NOT focus on engineering strategies like seawalls or beach nourishment.

# Workshop Agenda

1. Welcome

2. Icebreakers

3. Presentation

4. Workshop Stations

5. Closing







Credit: Floridan Ledoux

# ICEBREAKERS

Please join in!



What is causing this coastal flooding?

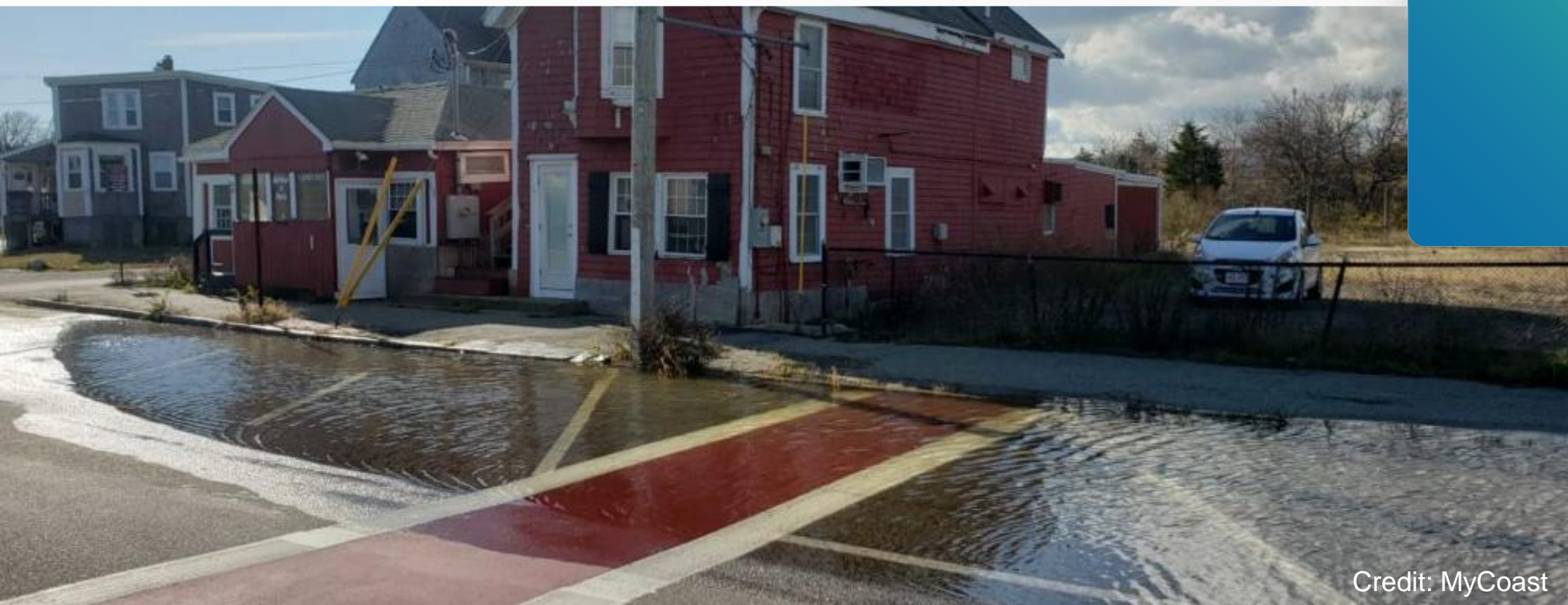
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Credit: MyCoast

What is causing this coastal flooding?

?



Credit: MyCoast



What is causing this coastal flooding?

?



Credit: Wicked Local/Alyssa Stone

What is causing this coastal flooding?

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Credit: MyCoast



# How much has the Town spent on seawalls over the past 10 years?



Credit: MyCoast

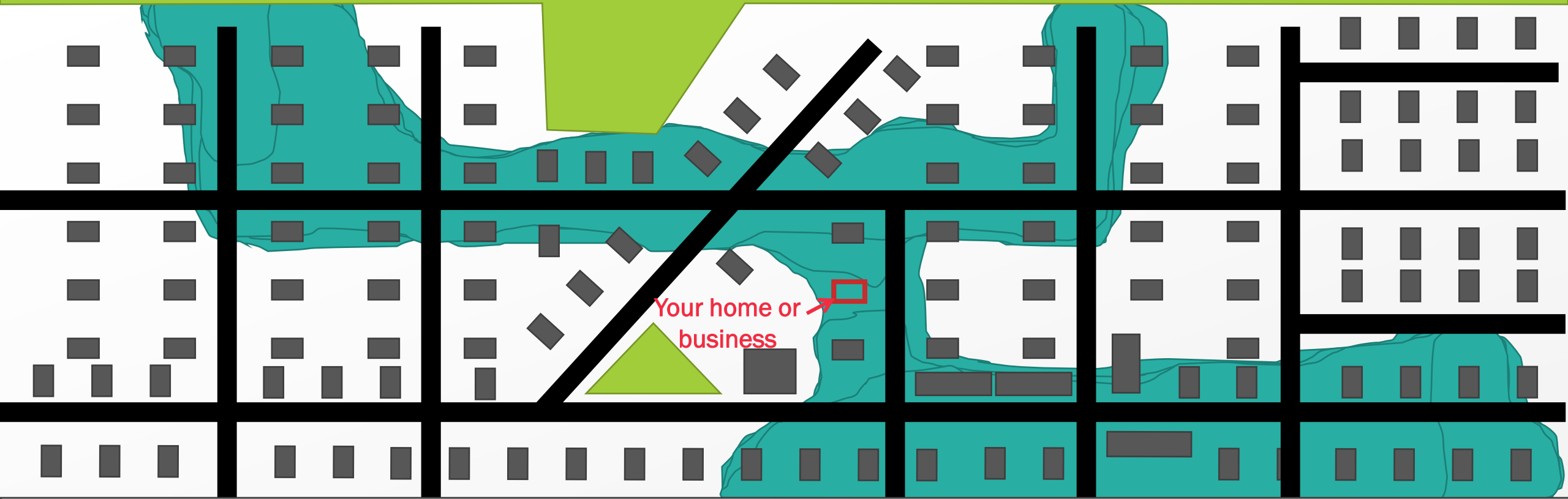


Credit: Patriot Ledger/Greg Derr



Credit: MyCoast

Stand and remain standing if you have had coastal flooding...



In your neighborhood

On your street or block

On your property

Up to or around your building

Above your first floor





## WHY DOES THE AREA NEED A LONG-TERM COASTAL RESILIENCE PLAN?

# Danger to residents and visitors



Credit: Wicked Local/Alyssa Stone



Credit: Wicked Local/Alyssa Stone



# Danger to first responders



Credit: Wicked Local/Alyssa Stone



Credit: Patriot Ledger/Greg Derr



# Costly for Town, State, and Federal government (really you, taxpayers)



Credit: MyCoast



Credit: MyCoast



Credit: Patriot Ledger/Greg Derr



Costly for homeowners, renters, businesses, and workers



Credit: MyCoast



Credit: MyCoast



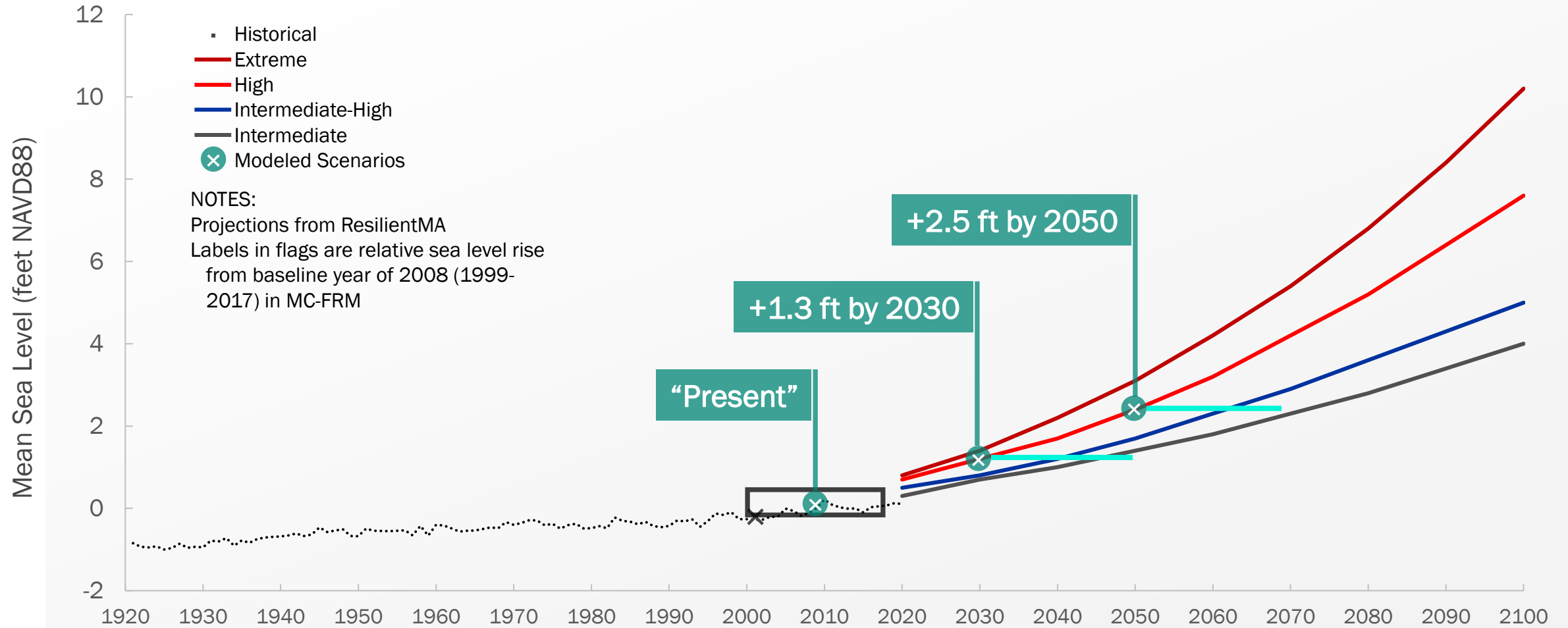
# Damaging to natural resources





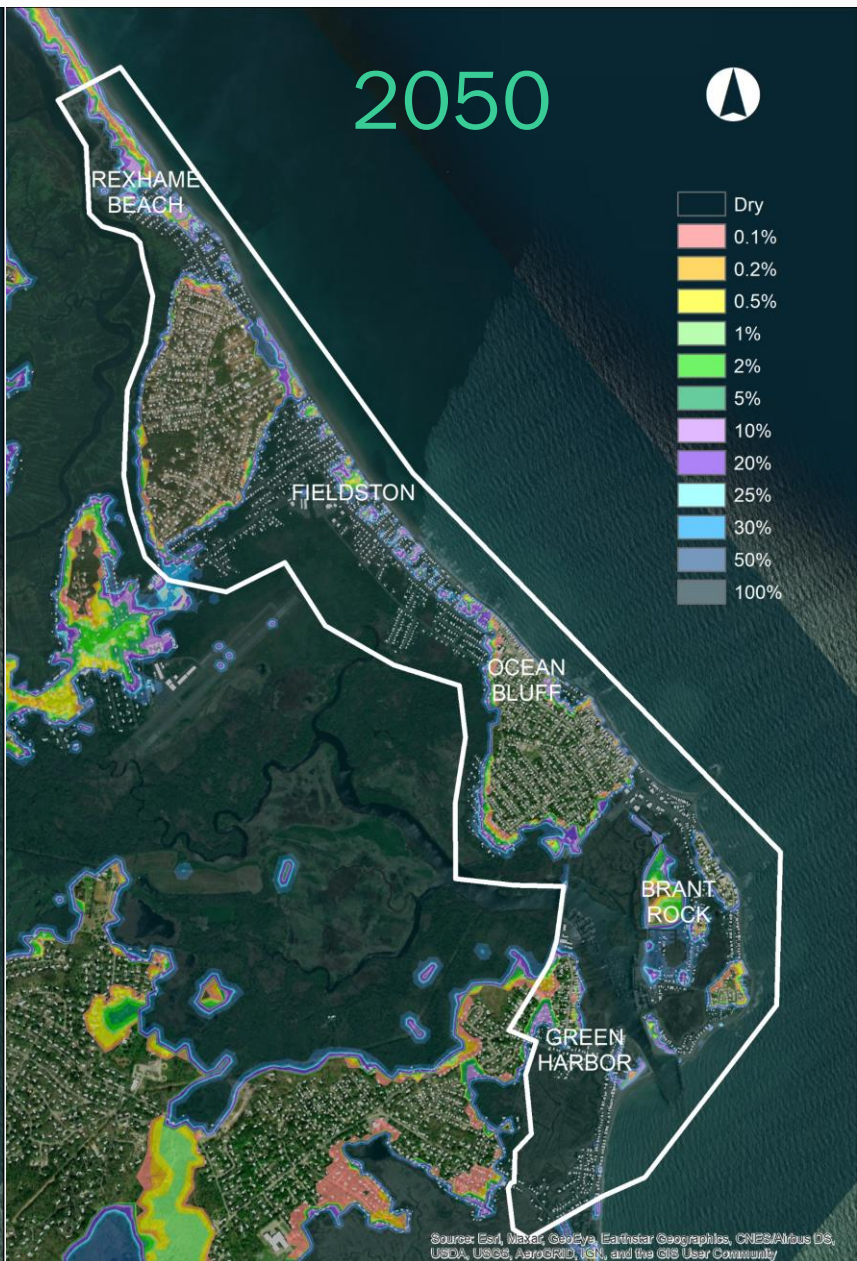
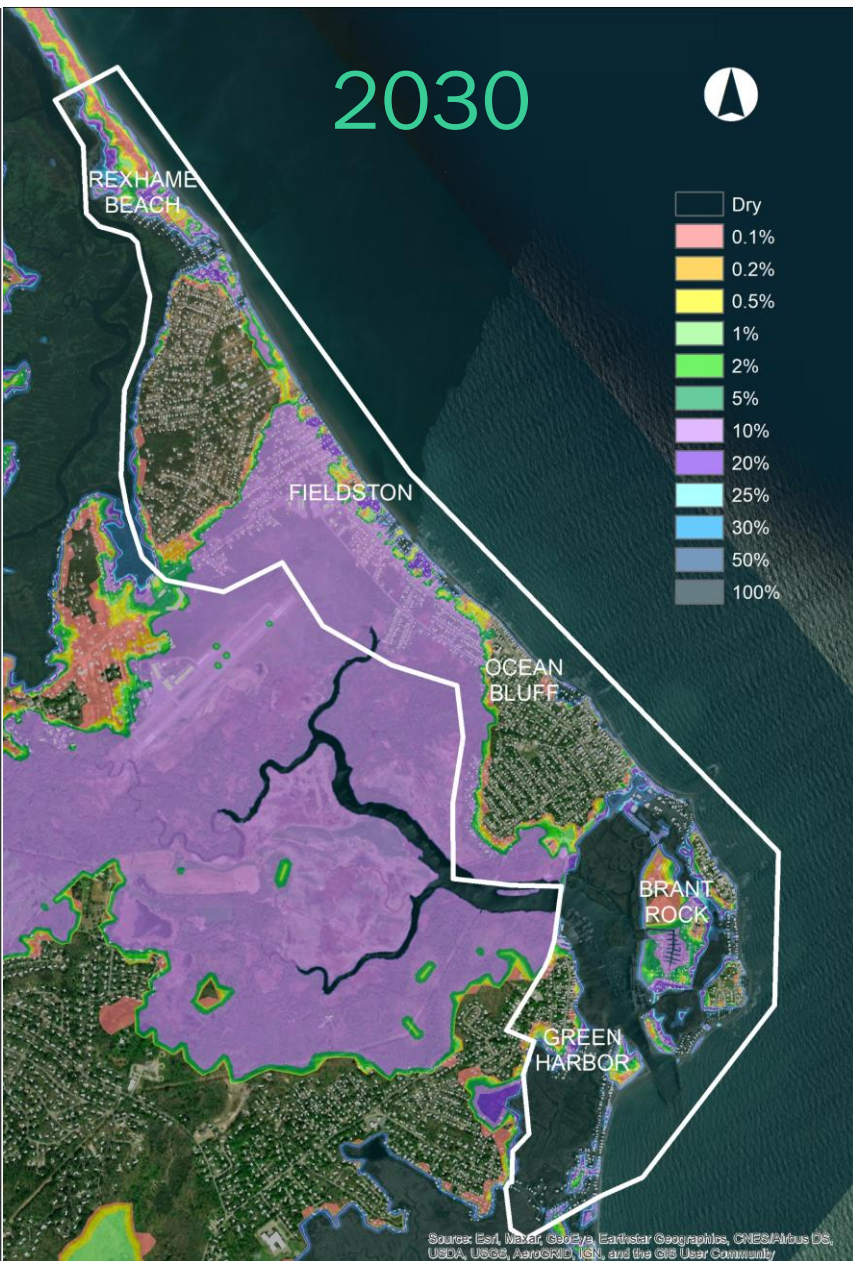
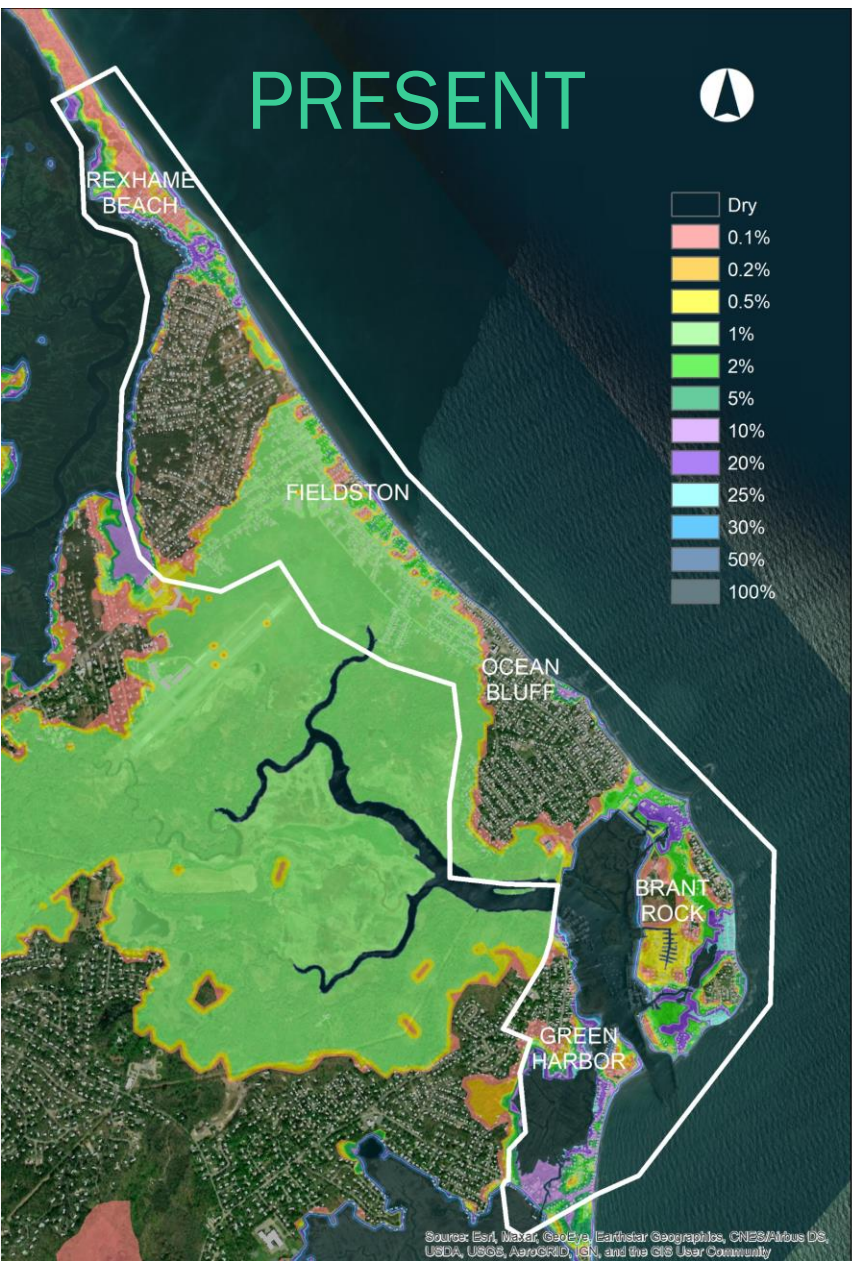
# Comm. of Massachusetts sea level rise projections

(Boston tide gauge)



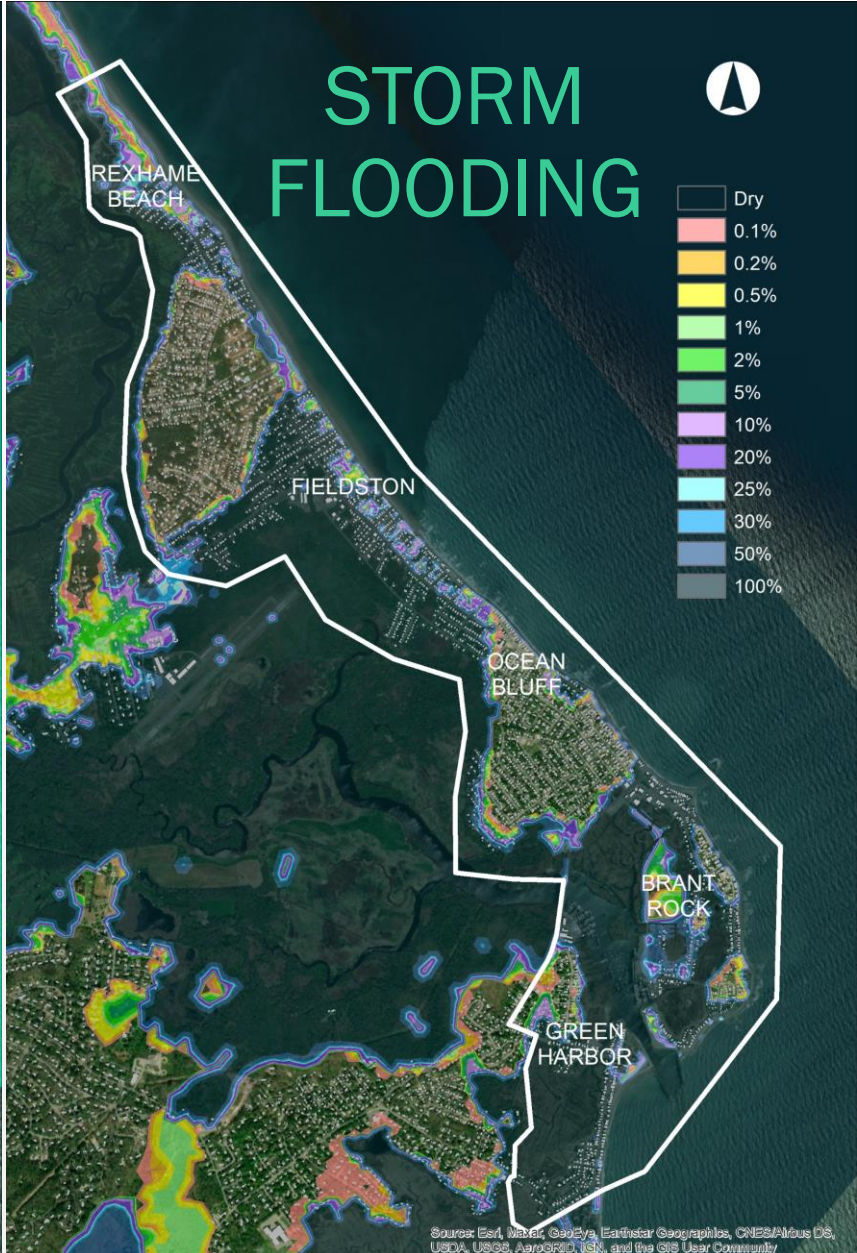
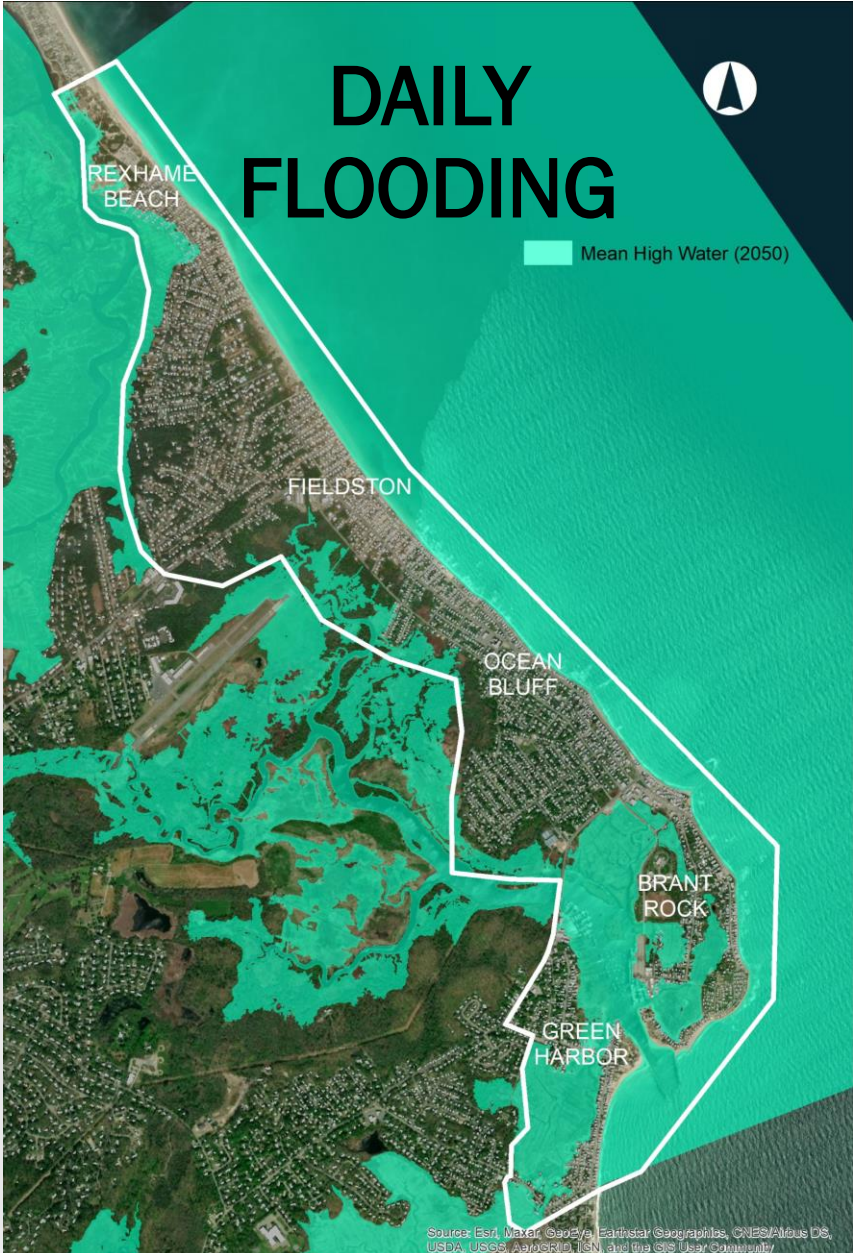


# Annual probability of coastal flooding





Long-term  
planning  
scenarios  
(2050)



# Workshop stations

1

Where do you live, work, visit

2

Where does it flood already

3

What types of flood risk reduction strategies do you favor?

4

What types of policies incentives do you favor?

5

What types of open space, recreational, or natural uses do you favor?



# Examples of flood risk reduction strategies

Purchase supplemental flood insurance

Wet floodproof basement/ground floor

Elevate your existing building or rebuild higher

Consolidate neighboring properties and raise grades

Vote at Town Meeting for investments in neighborhood flood protection

Increase onsite storage and drainage of wave overwash

# Examples of policy incentives

Loans with no/low interest,  
long pay back periods, and/or  
hardship-based debt  
forgiveness

Information, administrative,  
or engineering support from  
Town staff

Increased taxes,  
assessments, or fees for  
higher public infrastructure/  
program costs

Property tax abatements for  
costs incurred

Regulations limiting or  
prohibiting building and/or  
rebuilding in high risk areas

Downgrading, disinvestment,  
or removal of public  
infrastructure and services



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What types of open space, recreational, or natural uses do you favor?

**PLEASE RETURN TO YOUR SEAT ONCE  
YOU'VE COMPLETED THE STATIONS**



WHAT ARE THE NEXT STEPS?



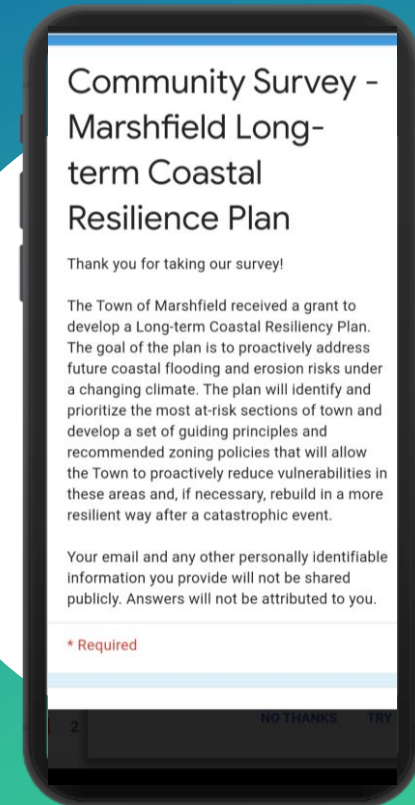
# Please complete the community survey

Share your experiences, ideas, concerns, and preferences to assist in the development of policy scenarios

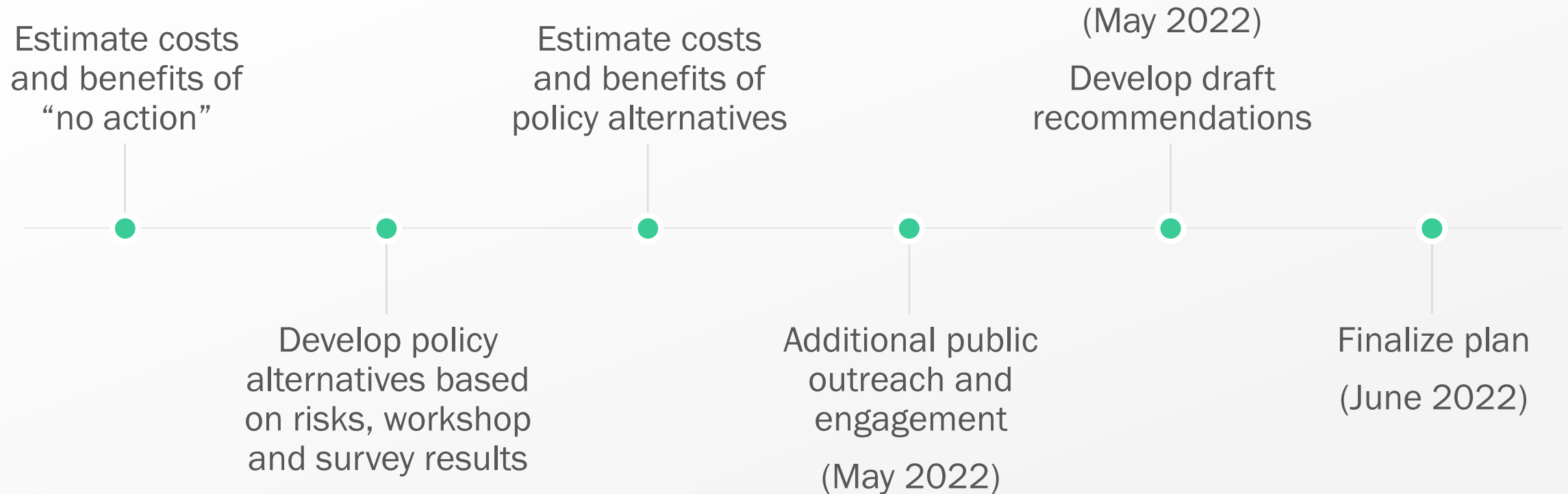
Make an impact in just 10 minutes!

Link to the survey:

<http://tiny.cc/marshfieldresilience>



# Roadmap





Thank you!  
Stay Safe!



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ANY QUESTIONS?



Thank you!  
Stay Safe!



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