

# Town of Fairhaven Climate Vulnerability Assessment

FY23 MVP Action Grant

# Woods Hole Group Team

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# Scope of Work

## 1. Task 1 - Project Management

MVP requirements

Monthly progress reports

## 2. Task 2 - Public Involvement and Community Engagement

Steering Committee (4 Meetings)

2 Public Meetings

## 3. Task 3 - Data Collection and Study Parameters

GIS Data

Asset Inventory

- Infrastructure
- Natural Resources

Criticality Scoring

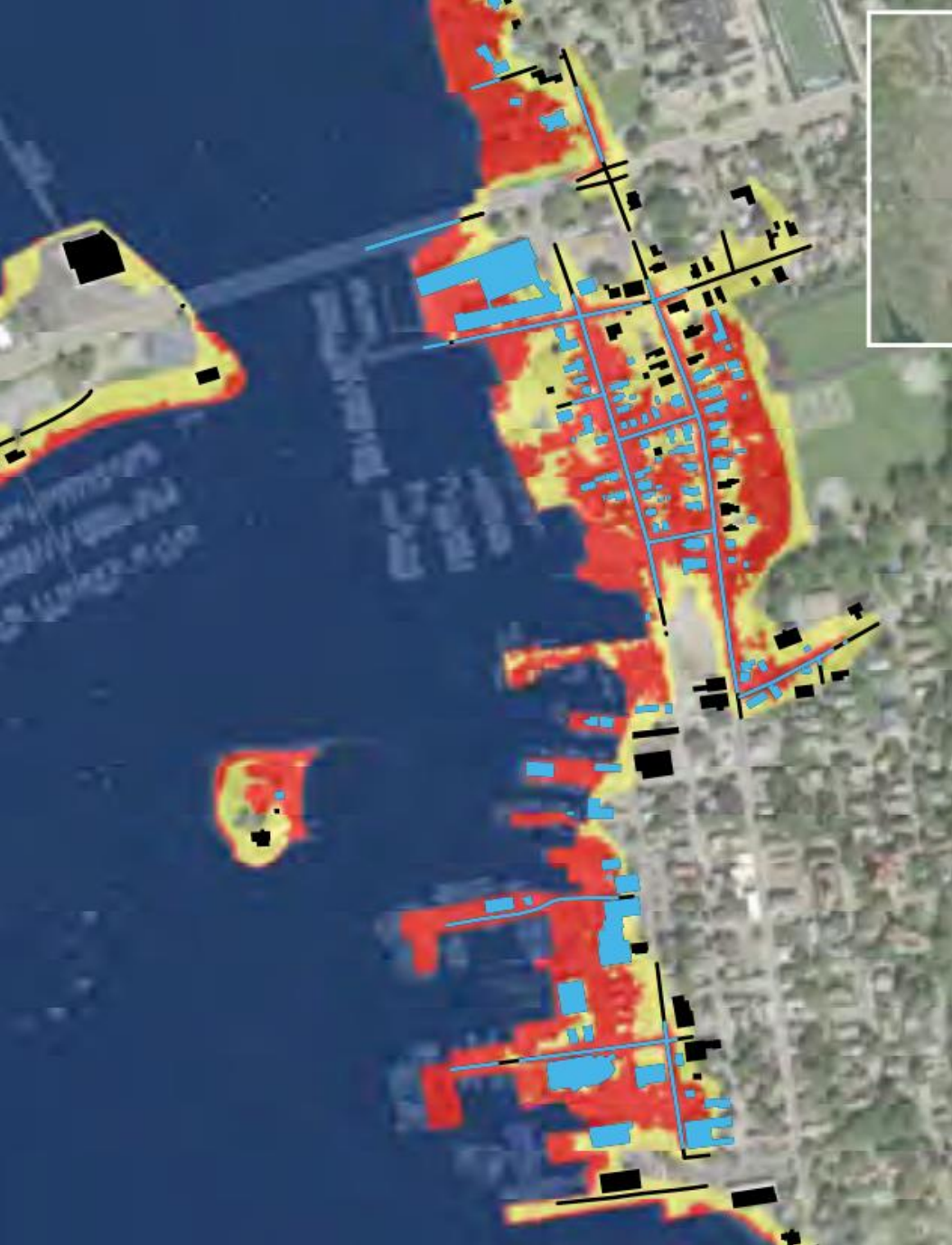
## 4. Task 4 - Vulnerability Assessment

SLR and Storm Flood Projections

Asset Surveys (3 days of field work)

Critical Flood Elevations and Risk Assessment





# 2050 Storm and Tidal Flooding

Massachusetts Coast – Flood Risk Model (MC-FRM)

- Buildings and roads potentially flooded by 100-year storm flooding
- Buildings and roads potentially affected by daily/frequent tidal flooding
- Areas potentially affected by 100-year storm flooding
- Areas potentially affected by daily or frequent tidal flooding (MHHW)
- Current Shoreline

# Next Steps

## 1. Develop Steering Committee

Select representatives that can speak to priorities of vulnerable assets & consequence of infrastructure failure

Short-list a few dates for a steering committee meeting to introduce project, Climate Change Data and begin to gather asset GIS data.

## 2. Data Collection

Discuss types of GIS data required

Discuss past studies performed by the Town

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