FY26 Coastal Resilience Grant Program

Pre-RFR Information Webinar
February 27, 2025

Massachusetts Office of Coastal Zone Management

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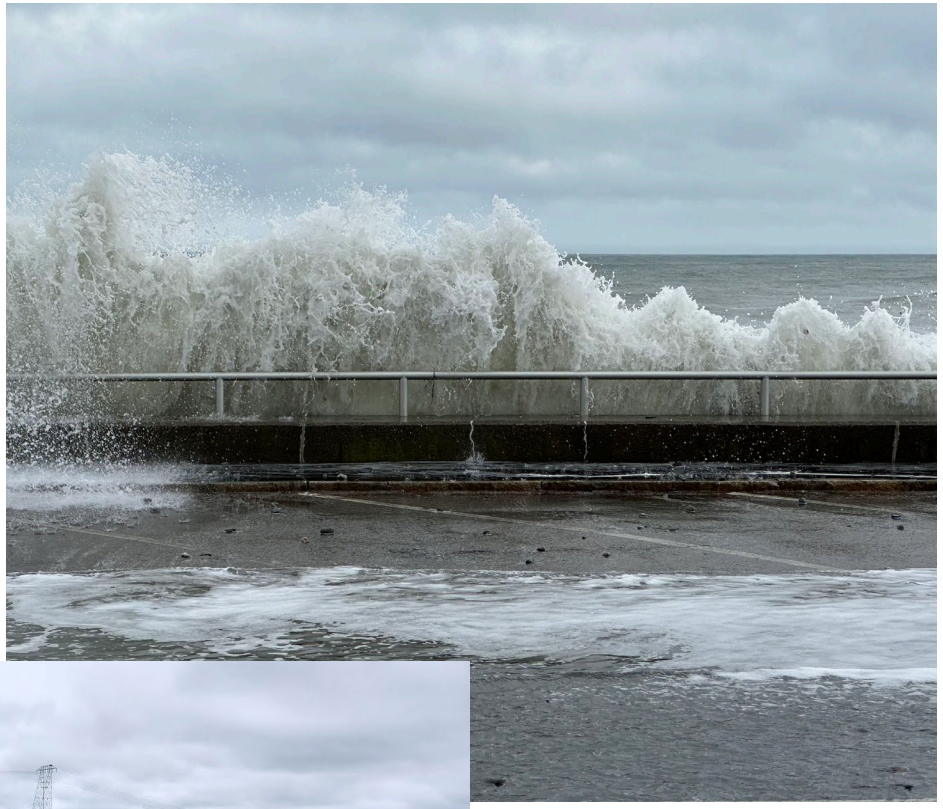
Agenda

- Grant Program
  - Goals
  - Funding and match
  - Eligibility
  - Anticipated FY26 timeline
  - Evaluation criteria
- Developing cost-effective and detailed budgets
- Regional projects and partnerships
- Tips and resources for developing competitive applications
- Q & A
- Discussion of project ideas – Regional break-out rooms
  - North Shore (Kathryn Glenn)
  - Boston Harbor (Patricia Bowie)
  - South Shore (Jason Burtner)
  - South Coast (Sam Haines)
  - Cape and Islands (Steve McKenna)

Coastal Resilience Grant Program Goals

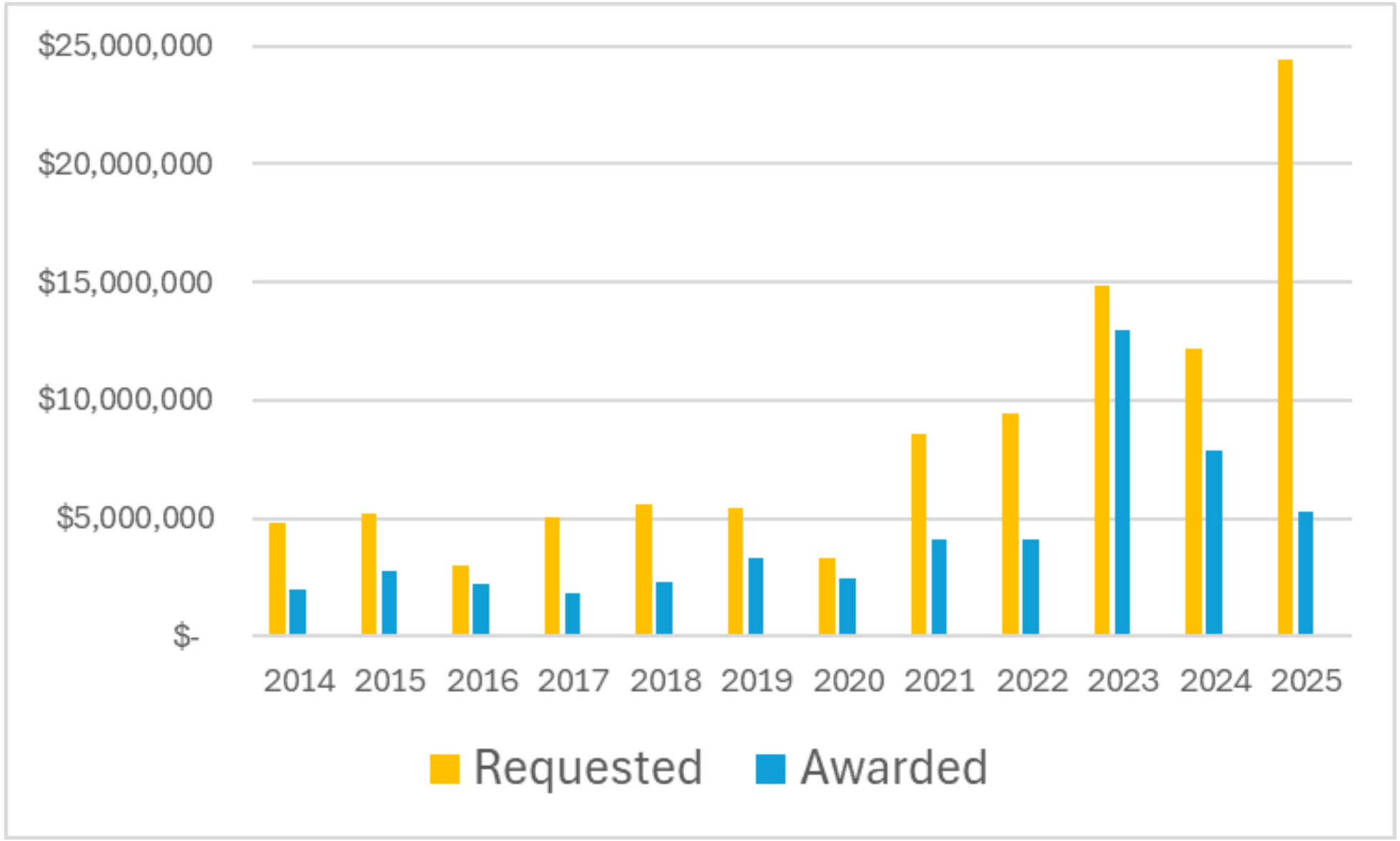
- Address current and future coastal flooding, erosion and sea level rise issues – **site, neighborhood, or regional scale**
- Protect public facilities and critical infrastructure
- Provide broad public benefits and access
- Support adaptation of Environmental Justice communities



Funding & Match (FY14 - FY25)

# Applications Received	395	Funded 59% of applications
# Applications Funded	235	
$ Requested	$101.9 M	Awarded 50% of requested funds
$ Awarded	$51.2 M	
$ Match Contributed	$17.6 M	Match represents 26% of total investment in resilience projects
Total Investment (Grant + match)	$68.8 M	

Increasing Need & Competitiveness

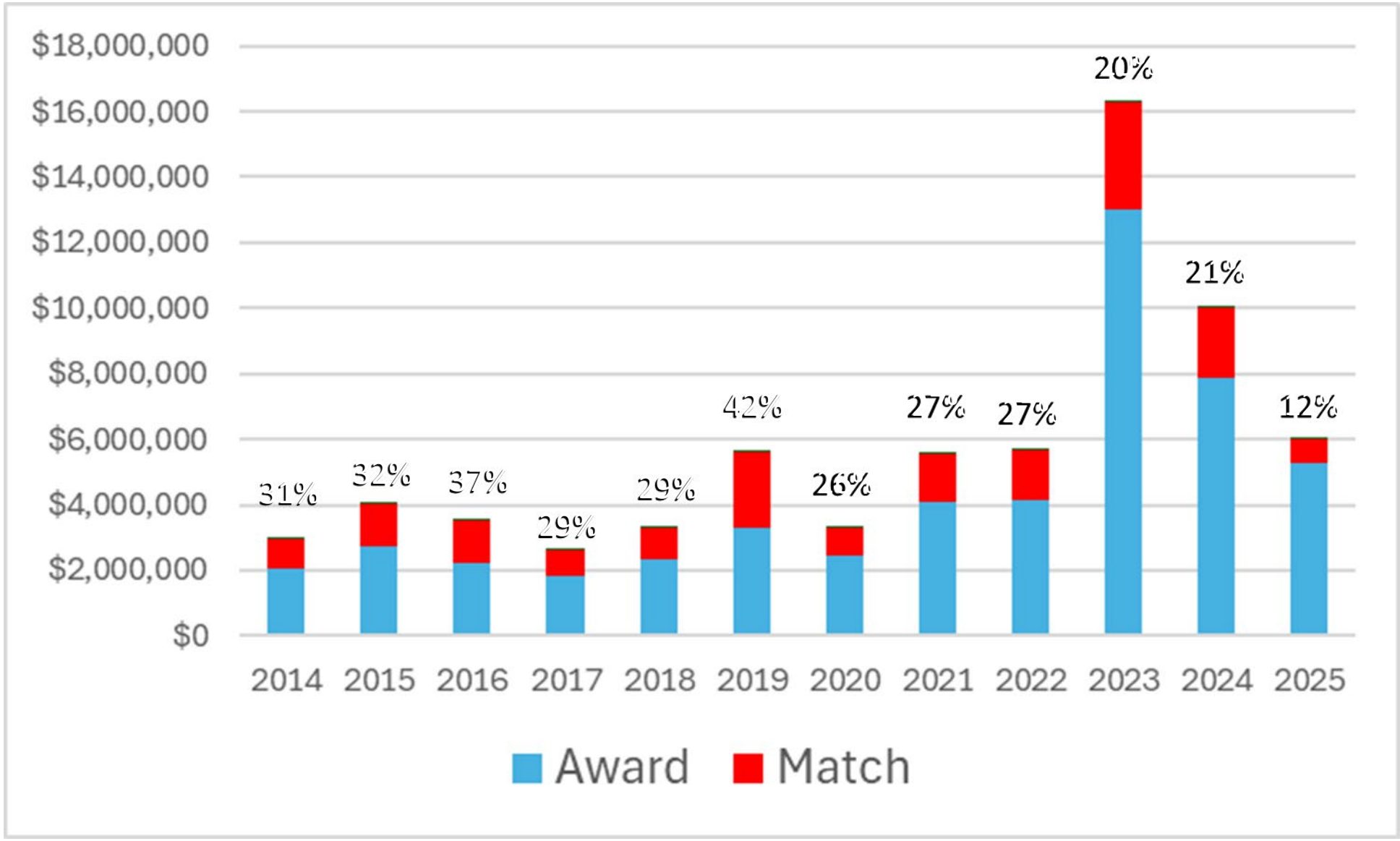


Funding through State Capital Plan

FY23-24: Increased awards with ARPA funding

FY26: Anticipating around $4-5 million total available with applicants able to request up to $2 million

Investing Local Staff & Resources



FY14 - 22: Required 25% match of total project cost

FY23 - 24: Match optional

FY25: Required 10% match of total project cost

FY26: 10% match expected

Eligibility

Applicants:

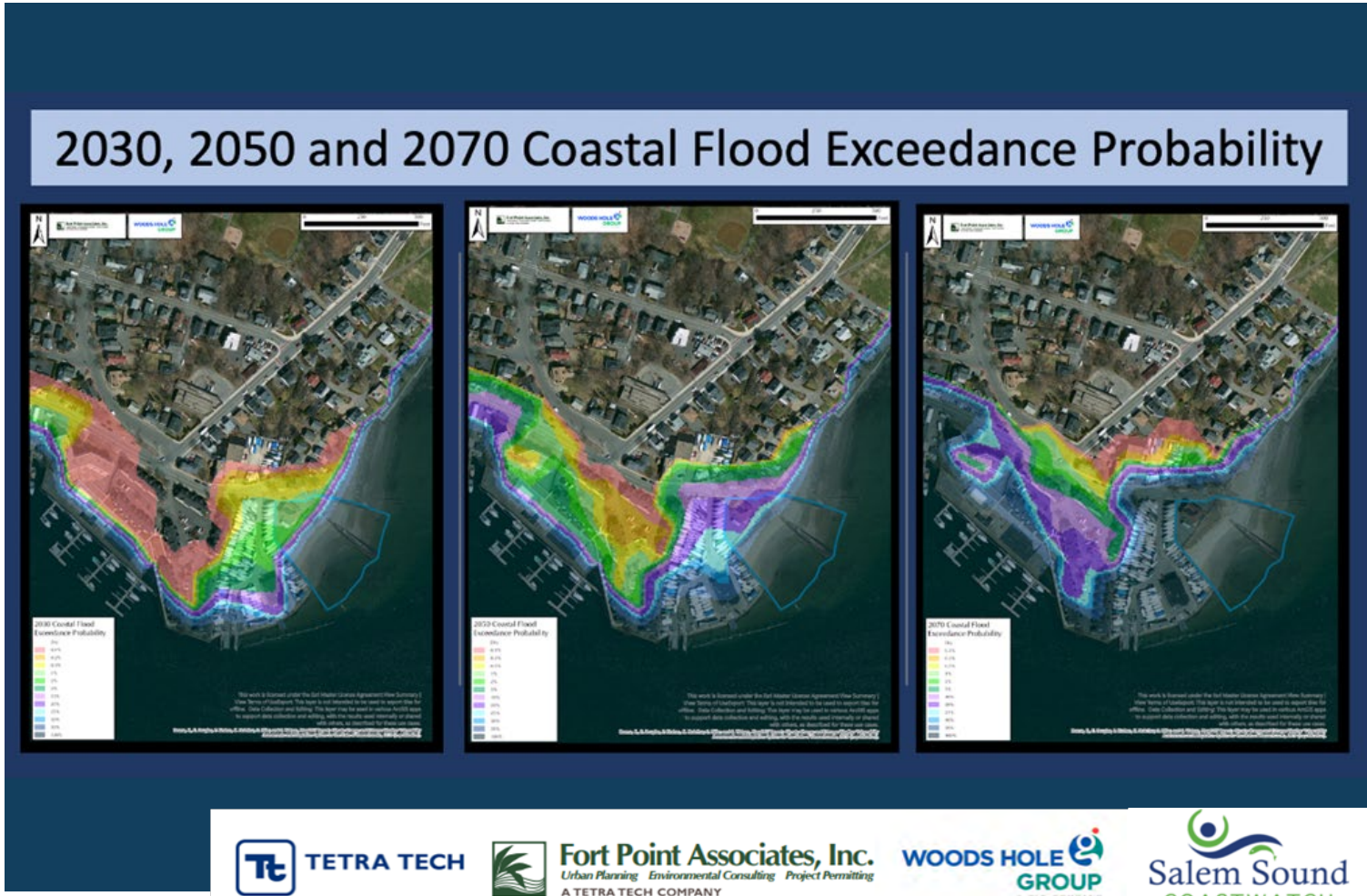
- 78 Massachusetts coastal cities and towns
- Certified 501 (c) (3) nonprofit organizations (including qualifying tribal entities)
- Federally recognized Massachusetts tribes

Project Types:

- Vulnerability and Risk Assessment
- Public Outreach
- Proactive Planning
- Retrofit and Relocation
- Shoreline Restoration

1. Vulnerability and Risk Assessment

- Map and evaluate vulnerable public facilities and infrastructure or conduct regional vulnerability assessments that align with ResilientCoasts
- Use best available climate projections
- Consider near, mid, and long-term planning horizons
- Provide meaningful public engagement opportunities



Project webpage: [Pump station at 135 Water Street - Vulnerability assessment and feasibility study | Beverly, MA]

2. Public Outreach

- Develop local and regional support for the implementation of proactive management measures
- Increase community understanding of coastal storm and climate impacts
- Build effective partnerships
- Promote engagement in local adaptation efforts
- Develop creative communication products that are accessible to all residents

Project webpage: Climate Resilience - The House of the Seven Gables

3. Proactive Planning

- Develop, amend, and implement community and regional resilience plans, local ordinances, bylaws, standards, zoning, and other planning tools to reduce exposure of vulnerable facilities and infrastructure
- Facilitate relocation of vulnerable development and reduce future development in high hazard areas
- Conduct robust public outreach and work toward formal local adoption of project

4. Retrofit and Relocation

Oak Bluffs – Elevated generator platform

Mattapoisett – Relocated water main farther inland and deeper to avoid erosion impacts

- Upgrade, adapt or relocate vulnerable public facilities and infrastructure to reduce long-term coastal flooding and erosion impacts
  - Port and harbor infrastructure
  - Water/wastewater infrastructure
  - Critical roadways, evacuation routes and associated infrastructure
  - Seawalls
- Consider nature-based alternatives

5. Shoreline Restoration

- Non-structural approaches that restore or enhance natural systems to provide increased shoreline stabilization and flood control
  - Beach, berm, or dune building
  - Coastal bank stabilization
  - Fringing salt marsh restoration
  - Living breakwater or sill construction

Project webpage: [North Scituate Beach Nourishment | Scituate MA]

Project Phases

Planning, siting, feasibility/ alternatives assessment

Conceptual to Final Design

Permitting

Construction, Monitoring and Maintenance

Anticipated FY26 Timeline

Milestone	Tentative Timeline
RFR released on CommBuys	Spring 2025
Q & A: Submit questions in writing; Q & A posted online	+ 2 weeks
Electronic applications due: coastal.resilience@mass.gov	+ 6 weeks from release
Award announcement	Late Summer
Project scoping and contract execution	Late Summer – Early Fall
Project start: Date of EEA's signature on your contract	Early Fall
Project/Contract end	June 30, 2026; or June 30, 2027 for 2-yr contracts

Evaluation Criteria

Criteria	Point Value
Climate adaptation	10
Need for assistance and engagement with Environmental Justice populations	10
Detailed project description	15
Public benefit and interests	10
Transferability (education and outreach efforts)	10
Project Management	5
Regional projects and partnerships	10
Timeline (1 or 2 years)	10
Detailed and cost-effective budget and match	10
Overall project quality	10

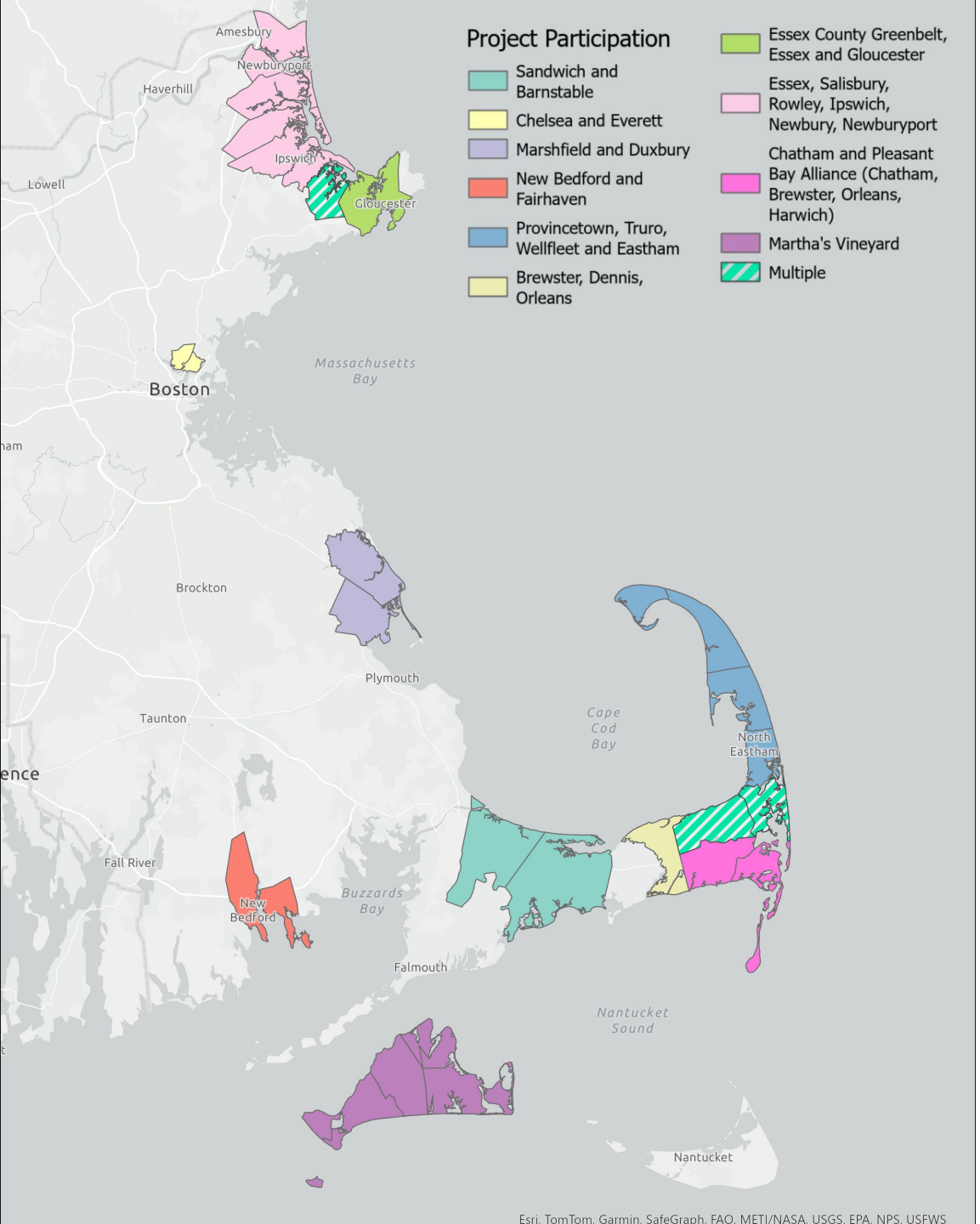
Developing a Cost-Effective Budget

A cost-effective budget:

- Utilizes CZM technical assistance early in the project to get guidance
- Builds off previous work completed and focuses on feasible solutions
- Clearly defines the deliverable for each task
- Leverages partnerships to maximize grant and match funds and share resources
- Carefully itemizes all work and is clear about the level of effort (e.g., the number of staff and hours required to fulfill deliverables)
- Clearly defines the roles and responsibilities of staff and includes a mix of staff experience
- Prioritizes virtual meetings and conducts in person travel when essential for site work or collaboration. Explores group travel and other cost-effective travel options.

BUDGET EXAMPLE – Construction

Task Description	Deliverables	Deliverable Due Date	Reimbursement Request Due Date	Total Grant	Total Cash Match	Total In-kind Match	Total Task (Grant + Match)
Task 2: Project Bidding							
2.1 - Prepare bid documents and invitation to bid	Draft and final bid package for construction	9/7/2025	11/1/2025	$2,500	$0	$100	$2,600
2.2 - Conduct pre-bid site visit	Meeting sign-in sheet, agenda and summary	9/13/2025	11/1/2025	$500	$0	$500	$1,000
2.3 - Issue addenda to bid documents, if required	Final addenda to bid documents, if required	9/20/2025	11/1/2025	$1,300	$0	$0	$1,300
2.4 - Evaluate bids and award contract	Summary of bids received and contract award	10/5/2025	11/1/2025	$1,000	$500	$0	$1,500
Total Task 2 Cost				**$5,300**	**$500**	**$600**	**$6,400**
Task 3: Dune Construction							
3.1 - Pre-construction meeting with contractor and Project Team	Meeting sign-in sheet, agenda, summary and pre-construction photos	3/1/2026	4/30/2026	$2,000	$500	$0	$2,500
3.2 - Mobilization	Construction field report	3/3/2026	4/30/2026	$11,000	$0	$0	$11,000
3.2 - Construction (month 1)	Contractor's certification of total completed	4/1/2026	4/30/2026	$500,000	$100,000	$0	$600,000
3.3 - Construction oversight (month 1)	Weekly summary of construction activities, observations, log sheets, and photos	4/1/2026	4/30/2026	$10,000	$0	$2,000	$12,000
3.4 - Construction (month 2)	Contractor's certification of total completed	5/1/2026	6/1/2026	$500,000	$100,000	$0	$600,000
3.5 - Construction oversight (month 2)	Weekly summary of construction activities, observations, log sheets, and photos	5/1/2026	6/1/2026	$10,000	$0	$2,000	$12,000
3.4 - Demobilization, Site restoration	Construction field report	5/1/2026	6/1/2026	$16,000	$0	$0	$16,000
Total Task 3 Cost				**$1,049,000**	**$200,500**	**$4,000**	**$1,253,500**

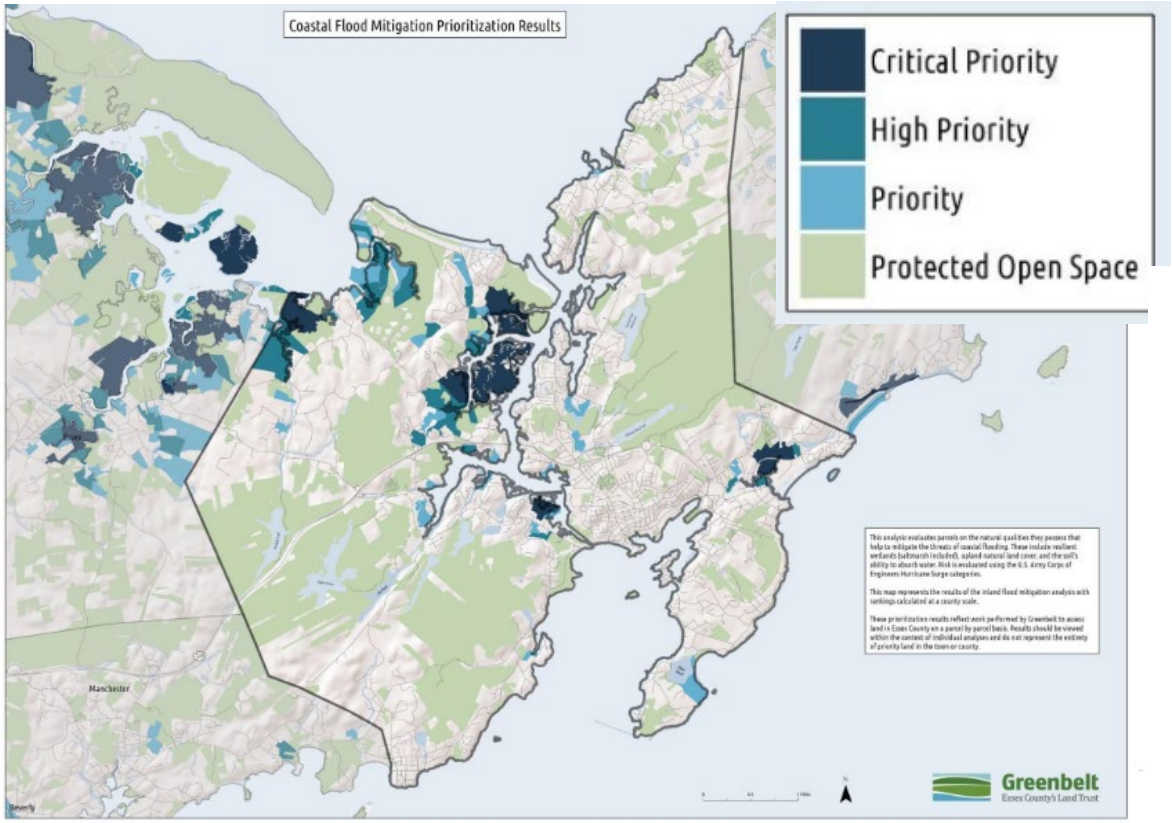


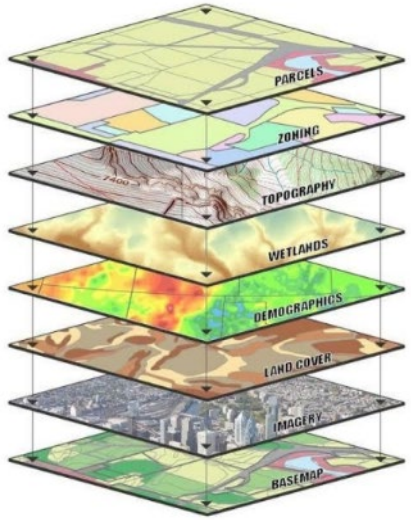
Regional Projects and Partnerships

- Communities working together at a larger scale within or across systems (e.g., embayment or littoral cell)
- Cohesive project with shared resiliency goals
- Coordination over multiple project phases
- Benefits:
  - Cost efficient
  - Increase transferability and public benefits
  - Consistent information and messaging through joint public meetings
  - Leverage broader local expertise and resources

Regional Outreach - Essex County

- Lead: Essex County Greenbelt Association
- Municipal partners: Gloucester & Essex
- Conducted outreach & education on land conservation for flood storage & coastal resiliency through mapping products & online media platforms



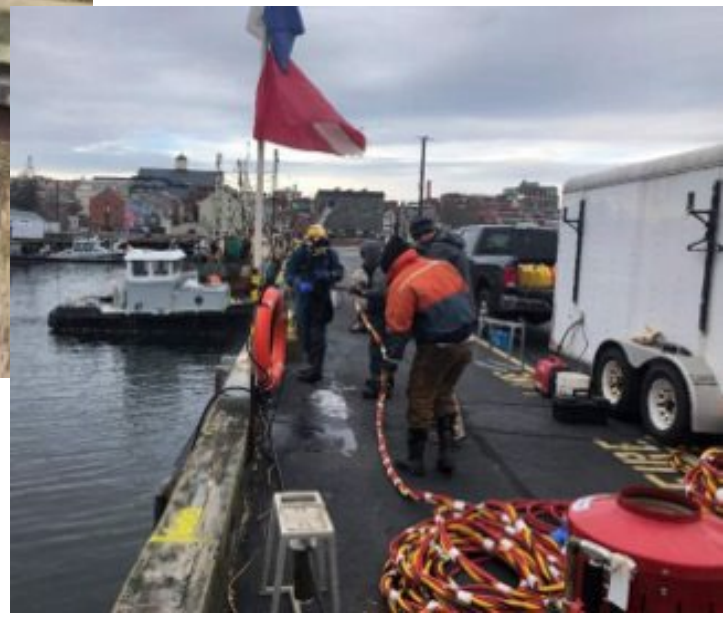


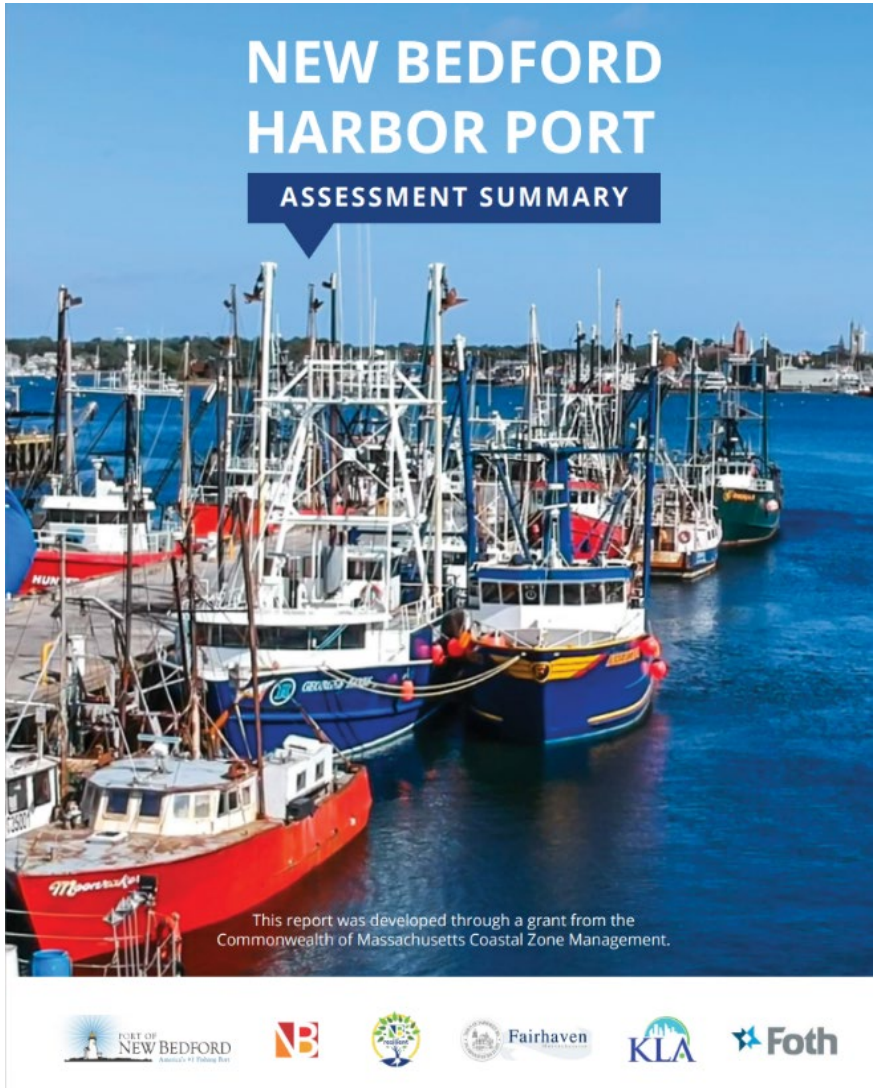
StoryMap: Sea Level Rise and Coastal Flooding in Essex County

Video: Exploring Sea Level Rise and Coastal Resilience

Regional Vulnerability Assessment of Port Infrastructure – New Bedford Port Authority and Fairhaven

- Performed underwater and topside structural inspections of the marine infrastructure at municipally owned and managed piers in New Bedford and Fairhaven and New Bedford's South Terminal
- Evaluated results in relation to projected sea level rise and identified specific resilience upgrades for each asset and long-term recommendations





Project webpage: NB Resilient

Regional Shoreline Restoration – Marshfield and Duxbury Beach Nourishment

Construction Photos From 2/1/2024

CZM Coastal Resiliency Grant-Beach Nourishment

January 28, 2025 Update

There was be a hybrid public meeting on the status of the construction this winter on January 23, 2025.

- Meeting flyer.
- Meeting presentation from 1/23/2025
- Video of 1/23/2025 Presentation

March 20, 2024 Update

An in-person public information session was held on March 19, 2024 at 6:30pm at the Duxbury Senior Center

- Click here for the presentation from 3/19/2024
- High Water Line as of 3/18/2024
- Video of 3/19/2024 Presentation

February 1, 2024 Update

- Construction Photos from 2/1/2024

Marshfield & Duxbury Coastal Resilience Project

- What is the purpose and scope of this current project?
- How is the project being funded and when will it be completed?
- What are the sediment characteristics of the existing beaches?
- What does it mean for a beach to be sediment starved?
- What alternatives are being considered for building resiliency?
- Which areas were identified for beach and dune nourishment and why?
- Is nourishment an appropriate resiliency alternative for all beaches?

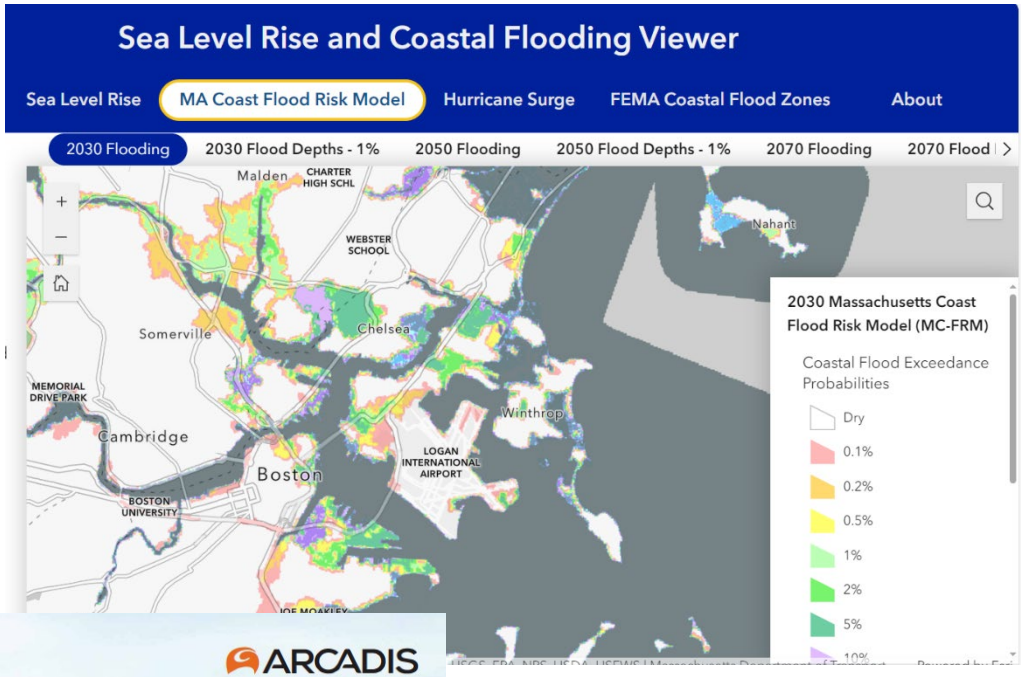
Project webpage: Marshfield Beach Nourishemt

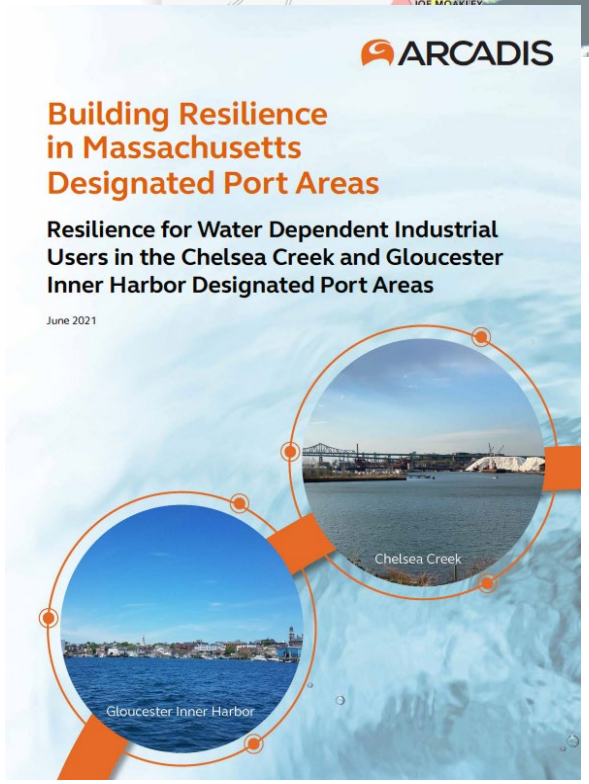
Application Tips

- Write applications assuming the Review Committee has no project background
- Review application narrative and check for consistency in Scope and Budget spreadsheets
  - Develop discreet tasks and deliverables by fiscal year
- Develop tangible deliverables that move the project forward
- Develop realistic timeline and budget
  - Anticipate local contracting timeframe (can be up to 3 months)
  - Allocate sufficient time for CZM review of deliverables and materials, especially before public meetings
- Hold regularly occurring project management team meetings (include CZM in project management team)
- Anticipate time to secure or appropriate match funds (if town vote is needed for approving cash match)
- Coordinate with local departments and ensure they’re in support
- Reach out to partners early and obtain letters of support that describe involvement of partners
- Provide meaningful and accessible opportunities for public engagement

Climate Resources

- **CZM StormSmart Coasts Program** www.mass.gov/stormsmart-costs-program
- **ResilientMass** www.resilient.mass.gov
- **ResilientCoasts** www.mass.gov/info-details/resilientcoasts-initiative
- **Building Resilience in MA Designated Port Areas** www.mass.gov/files/documents/2022/03/29/building-resilience-in-massachusetts-designated-port-areas.pdf
- **MA MyCoast** www.mycoast.org/ma
- **EEA Office of Climate Science**
  Email: climatescience@mass.gov





Environmental Justice Resources

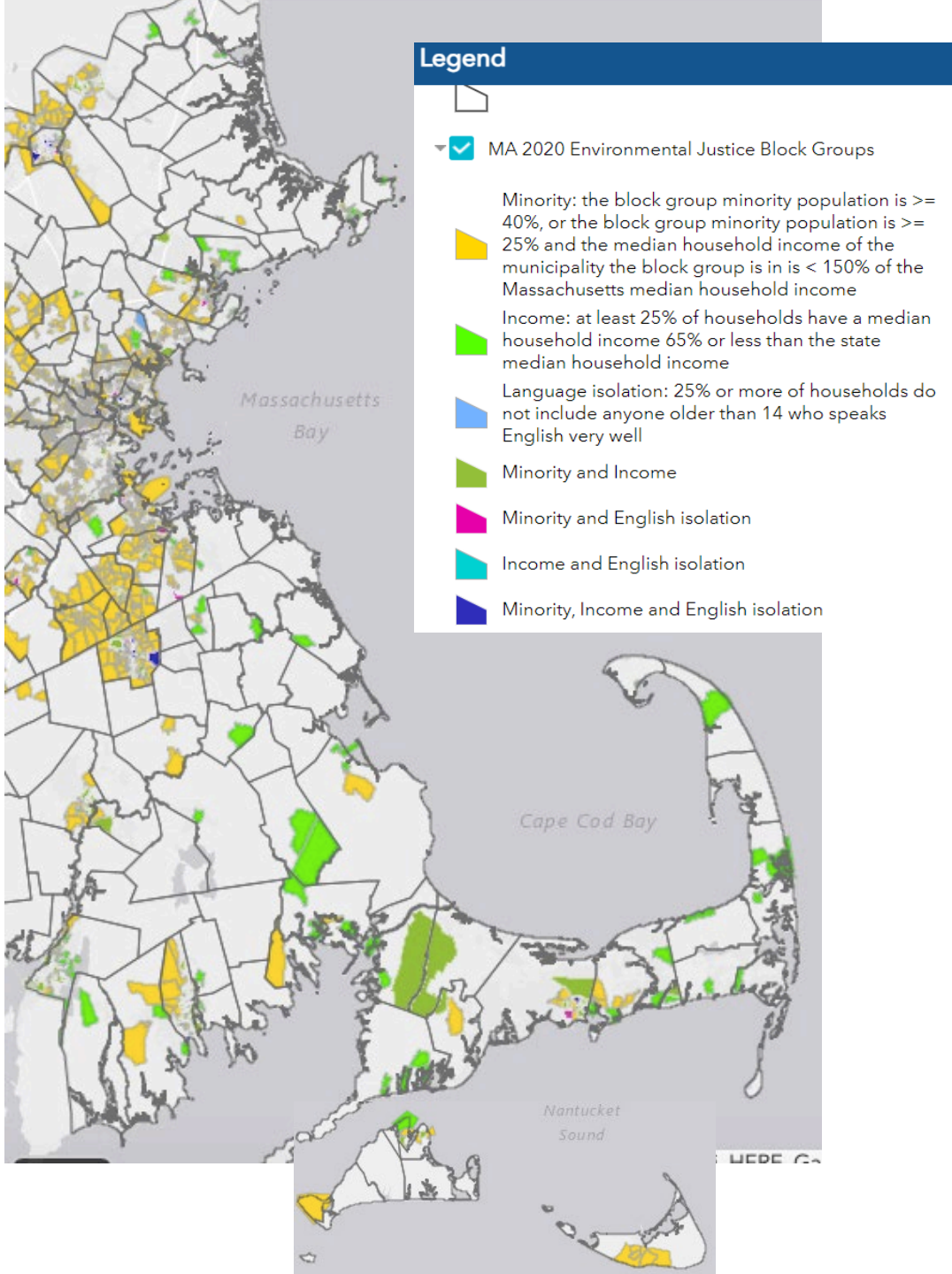
- **MA Environmental Justice (EJ) Viewer** www.mass.gov/info-details/environmental-justice-populations-in-massachusetts

- **National Association of Climate Resilience Planners: Community Driven Climate Resilience Planning: A Framework**
https://movementstrategy.org/wp-content/uploads/2021/10/Community-Driven-Climate-Resilience-Planning-A-Framework.pdf

- **The Urban Sustainability Directors Network: Guide to Equitable, Community-Driven Climate Preparedness Planning**
https://www.usdn.org/uploads/cms/documents/usdn_guide_to_equitable_community-driven_climate_preparedness-_high_res.pdf

- **Climigration Network: Lead with Listening: A Guidebook for Community Conversations on Climate Migration**
https://static1.squarespace.com/static/580df9afe4fcb5fdf27a053a/t/61e8a4769f74fa362c509168/1642636411977/LeadwithListening_ClimigrationNetwork_ENG-ESP_20210715.pdf

- **The Create Initiative: Sharing the Benefits of a Greening City**
https://create.umn.edu/wp-content/uploads/2020/02/sharing_in_the_benefits_of_a_greening_city_-_final_web.pdf



CZM can provide feedback on proposals up until the RFR is released

***Optional* Expression of Interest Form**

Coastal Resilience and Coastal Habitat and Water Quality Grants

Grant Team

- Patricia Bowie, Coastal Resiliency Specialist
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Regional Contacts:

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CZM provides technical assistance with planning and coastal processes, grant deliverable review, public outreach, and coordination with agencies and regional networks

Resilience Partners