



Governor Baker's Municipal Vulnerability Preparedness (MVP) Program



2018 MVP Grant Round
Executive Office of Energy & Environmental Affairs





EXECUTIVE ORDER 569: AN INTEGRATED CLIMATE CHANGE STRATEGY FOR THE COMMONWEALTH 9.16.16



- Reducing greenhouse gas emissions to combat climate change
- Preparing for the impacts of climate change
 - State Adaptation Plan
 - Agency Vulnerability Assessments
 - Municipal Support
 - Climate Coordinators

ENVIRONMENTAL BOND BILL, 3.15.18



- \$1.4 billion bond bill with focus on climate change resiliency
- \$300 million for climate change adaptation
- Codifies EO 569

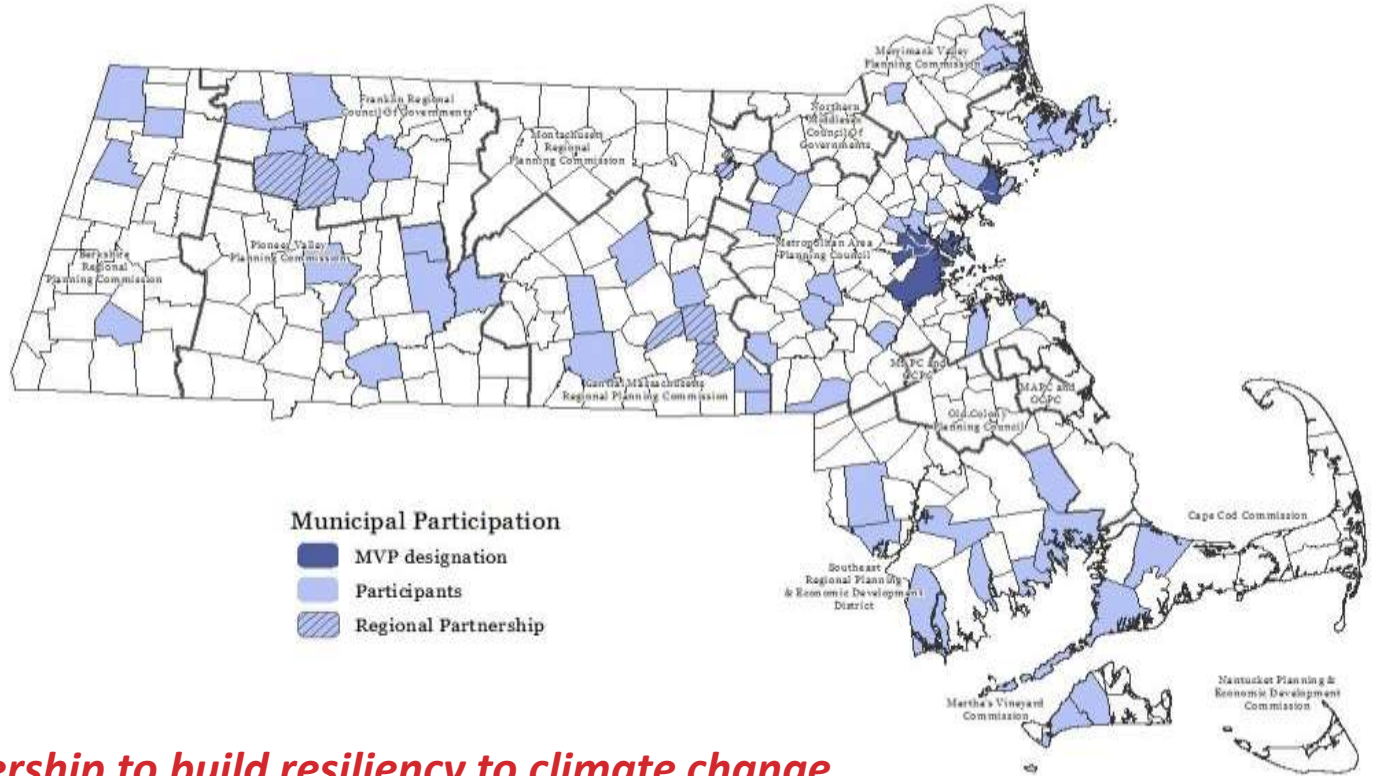


Massachusetts State Hazard Mitigation and Climate Adaptation Plan

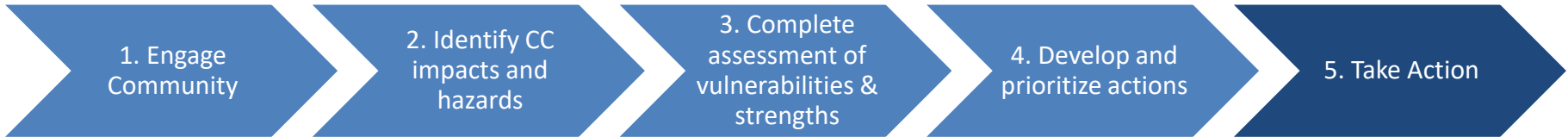
- www.resilientma.com
- **Integrated Plan:** First in the nation Climate Adaptation and Hazard Mitigation plan
- **Mainstreaming climate change:** Incorporating climate change into current planning, budgeting, and policy frameworks

Municipal Vulnerability Preparedness (MVP)

2017-2018



State and local partnership to build resiliency to climate change



MVP Principles

- **Community-led process** that employs local knowledge and requires local buy-in and support
- **Accessible**
- **Utilizes partnerships** and leverages existing efforts
- **Mainstreams** climate change
- **See communities** as local innovators
- **Frames** coordinated statewide efforts.



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Conservancy
Protecting nature. Preserving life.



Community Resilience Building
WORKSHOP GUIDE





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RESTORE. RESILIENT. PROSPEROUS.

Overview of the Process (Steps & Tasks)



- Must complete 1-2 workshops to cover this process
- Focus on vulnerabilities and strengths
- Produce final report with clearly prioritized actions



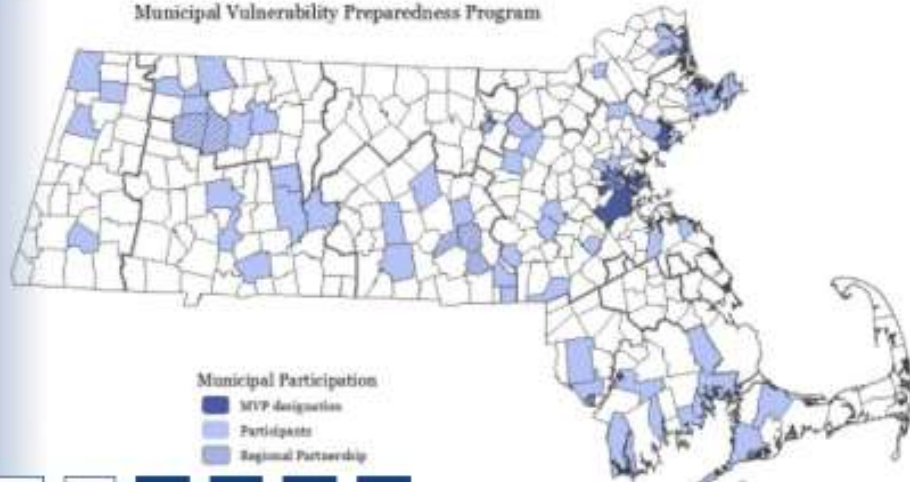
Providing the most up-to-date climate change science and decision-support tools for the Commonwealth [More »](#)

Municipal Vulnerability Preparedness

Our cities and towns are on the front lines of climate change. The new MVP program from the Executive Office of Energy and Environmental Affairs works with communities across the state to decrease risk, build resiliency, and identify strengths and opportunities through targeted planning and action.

[More »](#)

Municipal Vulnerability Preparedness Program



Two MVP Grant Opportunities



RFR 1: MVP Planning Grant



RFR 2: MVP Action Grant

<https://www.mass.gov/municipal-vulnerability-preparedness-mvp-program>

RFR #1: MVP Planning Grant



Complete a climate change vulnerability assessment workshop process, develop prioritized actions, hold public listening session, and submit final report

Applications due **May 11th at 5pm**, must submit five paper copies & one electronic

Grants from \$10K-\$75K depending on scope, community size, EJ communities, need, and other factors

Upon completion community receives MVP designation

EEA, TNC and MA Audubon trained over 250 state certified MVP service providers in fall of 2017



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Executive Office of Energy
and Environmental Affairs

Match 120-200 hours of staff time

Staff time will include the following activities:

- Paperwork
- Selecting and contracting vendor
- Help establish a core team
- Help identify and complete outreach to critical stakeholders, partners and town officials for workshops
- Help coordinate, schedule, send invitations and attend meetings and workshops;
- Conduct significant outreach in the community
- Help coordinate staff interviews with key experts
- Help the MVP provider find relevant data and other relevant info
- With MVP Provider complete and send 3 progress reports, with info on spending and a final report
- With consultant support as budget allows, complete 1 public listening session
- Continue municipal outreach and engagement, using the completed plan to inform existing planning and project activities



Maintaining MVP Designation

Each municipality must provide the Commonwealth with a yearly progress report outlining the steps they have taken towards implementing their priority actions. Steps may include (but are not limited to):

Applying for grant funding, such as MVP Action Grant

Right-sizing culverts

Updating existing local plans using the outcomes of the workshop, etc.

RFR #2: MVP Action Grant



To implement priority climate adaptation actions identified by MVP Communities



Preference for nature-based solutions



Applications due **May 18th, 5pm**

MVP Action Grant

- **Who's eligible?**
 - Municipalities with MVP designation
 - Municipalities completing 2017 MVP process who have completed workshop(s) and have identified prioritized actions
- Funding: \$10,000 - \$400,000 per project
- Match: At least 25% of total project cost required
- **Must be completed by June 30, 2019**



MVP Action Grant

Projects to **build resilience**, are **proactive** and clearly demonstrate efforts to redesign, re-evaluate, or reconsider and **incorporate new climate change** data.

Projects are encouraged to utilize **nature-based strategies** to address climate change impacts.

Many of these projects might also be funded through existing grant programs

- e.g., EEA's Dams and seawalls, CZM's coastal resiliency, DER's culvert replacements

MVP Action Grants: Project Categories

- ❖ Detailed Vulnerability and Risk Assessment
- ❖ Public Education and Communication
- ❖ Local Bylaws, Ordinances, Plans, and Other Management Measures
- ❖ Redesigns and Retrofits
- ❖ Nature-Based Storm-Damage Protection, Drought Prevention, Water Quality, and Water Infiltration Techniques



MVP Action Grant: Project Categories

- ❖ Nature-Based, Infrastructure and Technology Solutions to Reduce Vulnerability to Extreme Heat and Poor Air Quality
- ❖ Nature-Based Solutions to Reduce Vulnerability to other Climate Change Impacts
- ❖ Ecological Restoration and Habitat Management to Increase Resiliency



The Trinity River Corridor will be a fabric landscape unlike any other—where an infrastructure will connect throughout the jurisdiction, addressing the city's most progressive goals and values, where infrastructure will be restored great infrastructure where nature will be allowed and enhanced alongside the river, and where Dallas will embrace and realize itself.

MVP 2018

- ❖ 82 new planning grants, now 43% of the Commonwealth
- ❖ 39 Action Grant projects: march resiliency, wastewater and drinking water infrastructure, climate migrants
- ❖ \$7.2 million dollars committed
- ❖ Have budgeted \$10 million for action grants next year in Governor Baker's Capital Plan





RFR 1 Planning: Due May 11th, 5pm

RFR 2 Action: Due May 18th, 5pm

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<https://www.mass.gov/municipal-vulnerability-preparedness-program>

