



**MUNICIPAL VULNERABILITY PREPAREDNESS (MVP) GRANT PROGRAM
BRIEF SUMMARY OF ELIGIBLE PROJECTS FOR 2020 MVP ACTION GRANTS
(EXCERPTS FROM FALL 2019 EEA REQUEST FOR GRANT APPLICATIONS)**

Municipalities may request up to \$2,000,000 in funding and awards are expected to range from \$25,000-\$2,000,000. Regional proposals may request up to \$5,000,000. Exceptions may be made at EEA's discretion. **Municipalities** need to provide a minimum of **25% total project costs** as "matching funds" with other eligible funds and in-kind services. **LAND OWNERSHIP AND PROPERTY OWNER SUPPORT:** Projects may be completed on lands held by municipal, state, or federal agencies or government bodies, lands held by non-profit conservation organizations, or lands held privately with consent of private owners.

- 1. Detailed Vulnerability and Risk Assessment and Further Planning** – Following on the overall MVP assessment and report communities may seek to conduct a more in-depth vulnerability or risk assessment.
- 2. Community Outreach and Education** – Eligible projects include those that increase public understanding of climate change impacts within and beyond the community and foster effective partnerships, especially with Environmental Justice communities.
- 3. Local Bylaws, Ordinances, Plans, and Other Management Measures** – Projects to develop, amend, and implement local ordinances, bylaws, standards, plans, and other management measures to reduce risk and damages from extreme weather, heat, flooding and other climate change impacts are eligible.
- 4. Redesigns and Retrofits** – Engineering and construction projects to plan, redesign, or retrofit vulnerable community facilities and infrastructure (e.g., wastewater treatment plants, culverts, and critical municipal roadways/evacuation routes) to function over the life of the infrastructure given projected climate change impacts, including more intense precipitation, extreme heat, and flooding are eligible.
- 5. Energy Resilience Strategies** – Eligible facilities are those for which the loss of electrical and/or heating and cooling services would result in disruption of critical functionalities that would put the health and safety of the surrounding community at risk. Proposed energy resilience projects shall incorporate **clean energy generation** (e.g., solar, wind, Combined Heat and Power, renewable thermal, fuel cell, etc.), **and be paired with resilience enabling technologies** such as battery energy storage and microgrids.
- 6. Chemical Safety and Climate Vulnerabilities** – Projects that seek to engage the business and manufacturing community through assistance or training on identifying vulnerabilities to chemical releases due to severe weather events, reducing use of toxic or hazardous chemicals, outreach to improve operations and maintenance procedures to prevent chemical releases and accidents and/or identifying existing contaminated sites that pose chemical dispersion risks during flood events are eligible.
- 7. Nature-Based, Infrastructure and Technology Solutions to Reduce Vulnerability to Extreme Heat and Poor Air Quality** – Green infrastructure projects that utilize natural resources, vegetation, and pervious surface to reduce ambient temperatures, provide shade, increase evapotranspiration, improve local air quality, and otherwise provide cooling services within the municipality are encouraged.



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- 8. *Nature-Based Flood Protection, Drought Mitigation, Water Quality, and Water Infiltration Techniques*** – Projects that utilize **natural resources and pervious surfaces** to manage flooding, erosion, and other storm damage, such as stormwater wetlands (i.e., constructed wetlands for pollutant removal) and bio-retention systems. Feasibility, design, permit, construct, and/or monitor non-structural approaches that enhance or create natural systems to provide increased riverine shoreline stabilization and flood control approaches are favored. Projects that **replace impervious surfaces** such as unused parking lots and abandoned developed areas with parks, including new trees, native groundcovers and plantings, community gardens, and greenspace **to reduce flooding and heat island impacts** are encouraged.
- 9. *Nature-Based Solutions to Reduce Vulnerability to other Climate Change Impacts*** – Nature-based projects that address other impacts of climate change such as extreme weather, damaging wind and power outages, increased incidence of pests and vector-borne illnesses and other public health issues are encouraged.
- 10. *Acquisition of Land to Achieve a Resiliency Objective*** – Land purchases are eligible for grant funding **if the parcel has been identified through a climate vulnerability assessment** as an appropriate location for a specific eligible adaptation activity to occur, such as accommodating an infrastructure or facility redesign or retrofit project, providing natural flood storage to reduce downstream flooding, or removal of pavement and planting of trees.
- 11. *Ecological Restoration and Habitat Management to Increase Resiliency*** – Projects that repair or improve natural systems for community and ecosystem adaptation, such as right-sizing culverts, dam removal, controlled burns, soil stabilization, invasive species removal and native re-vegetation, prevention and recovery from forest pest invasions in urban and rural forests, restoration of floodplain functions, and other natural resource management projects.
- 12. *Subsidized Low Income Housing Resilience Strategies*** – Investments in resiliency measures for affordable housing to protect vulnerable populations that may not have the resources to recover from an extreme climate event. Eligible uses of funds are for building improvements, site improvements, and planning efforts that enhance the adaptive capacity of the low-income housing to continue to provide a safe environment to its residents during extreme weather events.
- 13. *Mosquito Control Districts***- Eligible activities include providing community engagement and outreach to regional communities to form a new mosquito control district and to residents on the importance of mosquito surveillance, control, and education on personal protection from mosquito-borne illness; initial assessments of costs for a community to join an existing mosquito control district; costs associated with the formation of a new mosquito control district's operations including but not limited to surveillance, control equipment, and supplies; or any other proactive mosquito control measure.