



Montgomery County Climate Action Plan

Climate Adaptation Actions



VISION: Montgomery County is equipped with the resources and infrastructure to withstand the impacts of climate change.

- Prioritize people and communities that are the most vulnerable and the most sensitive to the impacts of climate change.
- Provide suitable infrastructure and tools to reduce the risks and impacts of more extreme climate hazards.
- Protect public health from climate-driven impacts.

ACTIONS:

- A-1: Water Infrastructure Resilience
- A-2: Repair and Enhancement of Stormwater Conveyance Systems
- A-3: Temperature Monitoring and Alerts
- A-4: Extreme Weather Energy Efficiency Building Code
- A-5: Climate-Adapted Housing Incentives/Subsidies
- A-6: Green/Cool/PV Roof and Pavement Code
- A-7: Green Public Spaces
- A-8: Harden Emergency Shelters and Install Resilience Hubs
- A-9: Mold Protection and Remediation
- A-10: Green Infrastructure
- A-11: Climate Adapted Development Standards
- A-12: Stormwater Retention Credit Trading
- A-13: Ban Stormwater Management Requirement Waivers
- A-14: Update Floodplain Maps
- A-15: Water Supply Protection
- A-16: Flood Rescue Resources
- A-17: On-Site Water Reuse
- A-18: Expanded Community gardens
- A-19: Advocacy for Off-River Water Storage
- A-20: Study Potential for Buildings in the County to Flood and Possible Remedies

SUMMARY:

Montgomery County’s Climate Action Plan (CAP) is an integrated plan designed to reduce greenhouse gas (GHG) emissions to slow the future impacts of climate change as well as reduce those impacts and adapt to those changes. The County and the entire globe are already experiencing the social, environmental, and economic impacts of a changing and more extreme climate. For this reason, the County must equip itself with the resources and infrastructure to withstand these impacts.

Vulnerable populations disproportionately experience the impacts of climate change, and the County should therefore prioritize implementing adaptation actions that will support its people and communities that are the most sensitive to the impacts of climate change.

Specifically, the County must reduce the risks and impacts associated with its primary climate hazards: extreme heat, extreme precipitation, high winds, and drought. Extreme heat poses threats to human and animal health, natural resources and ecosystems, agriculture, and infrastructure. Extreme precipitation and high winds lead to damaged physical assets and ensuing human health threats, including mold growth and accumulation of dust and particulate matter. Drought is a threat to agriculture, natural resources, the urban landscape, and the water supply.

Read the [Annual Climate Work Plan](#) for the current status of Climate Adaptation Actions.

