

Advancing Preparedness to Climate Change

Led by the Monroe County Department of Environmental Services, the **Climate Adaptation and Resiliency Plan (CARP)** will assess the vulnerability of the County's infrastructure, programs, and human and environmental services to a changing climate. After this assessment, the plan will outline specific policies, programs, projects, and partnerships that work together to create a clear and practical path for building a stronger and more resilient Monroe County for everyone.

The CARP complements the County's Climate Action Plan (CAP). While the CAP focuses on mitigating climate change impacts by reducing greenhouse gas emissions, the CARP will be focused on better preparing the County to adapt to climate-related hazards for a more resilient Monroe County.

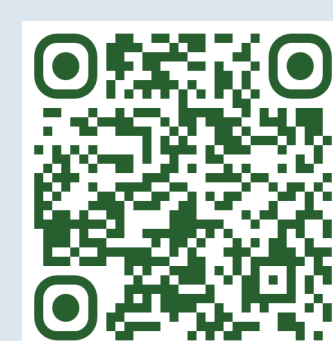
Why the CARP Matters

In recent years, Monroe County has experienced more severe storms, floods, public health emergencies, and other environmental and economic disruptions. From hotter summer days to harsher winter storms, these changes show that our climate is shifting, having physical, environmental, economic, and social impacts for our communities and ecosystems.

The **Climate Adaptation and Resiliency Plan (CARP)** strengthens Monroe County's ability to prepare for, withstand, and adapt to the impacts of climate change. The plan identifies the county's greatest climate-related hazards and outlines strategies to build resilience, especially for residents who are most vulnerable, since climate impacts are not felt equally.

Learn More

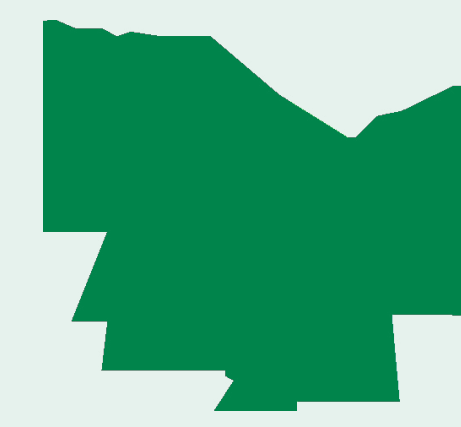
To learn more about the CARP and opportunities to get involved, scan the QR code or visit:



Contact

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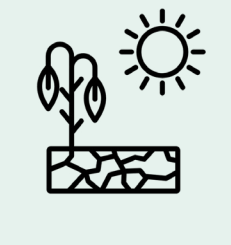

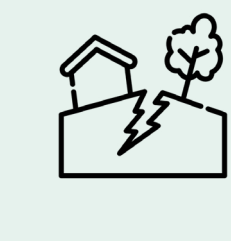
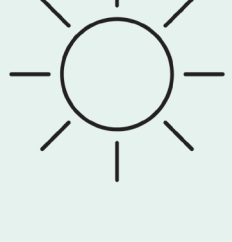


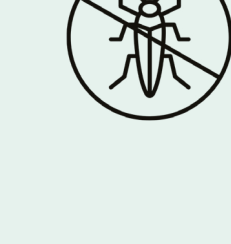

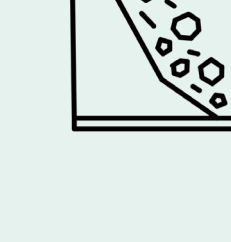

[MonroeCountyClimateAction.com](https://www.monroecountyclimateaction.com)



Monroe County Climate Adaptation & Resiliency Plan

How have you experienced climate hazards in Monroe County?

Share your thoughts on a sticky note and place it on the board below.

 Severe Storms	 Drought
 Severe Winter Storms	 Earthquake
 Extreme Heat	 Hazardous Materials
 Flooding	 Invasive Species
 Disease Outbreak	 Landslide
 Wildfire	Other

Which climate hazards are your top concern?

Write your top three hazards on a sticky note and place it below.

Vulnerability Assessment for Monroe County

Our Vulnerability Framework

The framework combines data + community experiences

Vulnerability = Exposure + Sensitivity - Adaptive Capacity

- **Exposure:** How often a climate hazard occurs
- **Sensitivity:** How strongly people are affected
- **Adaptive Capacity:** The ability to prepare, respond, and recover from climate hazards

Community Input

Over 400 residents took the Community Vulnerabilities Survey to share their lived experiences with climate hazards.

The Project Team received 17 Adaptive Capacity Questionnaires from County Agencies and Community Organizations to share information about emergency response and coordination capabilities.

Key Findings

- ▶ Severe storms are perceived as the biggest threat
- ▶ Extreme heat is a growing concern
- ▶ Many people are unaware of the available resources to help them respond to climate hazards and emergencies

Top 5 Climate Hazards

1. Severe Storms
2. Severe Winter Storms
3. Extreme Heat
4. Flooding
5. Disease Outbreak

Equity Matters!

Some people and communities, such as older adults, low-income households, people with disabilities, and minority communities, are more vulnerable and face greater impacts from climate hazards.

The CARP will incorporate equity into the plan to support the County's most vulnerable populations and ensure everyone can thrive in a changing climate!



ADAM J. BELLO
COUNTY EXECUTIVE