

Unveiling the Quad Cities Flood Map

A Tool for Climate Change and Community Resilience

National Wildlife Federation and Prairie Rivers Network

In partnership with Discovery Partners Institute, University of
Illinois System

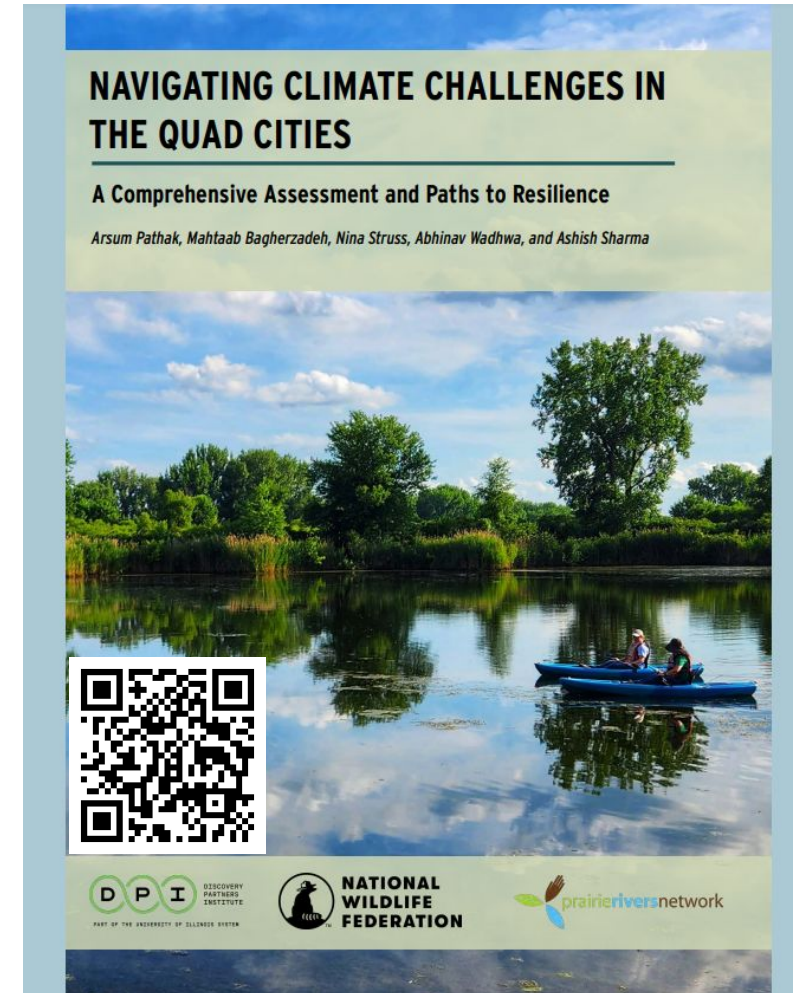


Quad Cities Climate Assessment

PURPOSE:

- **EQUIP** local leaders, decision-makers, and community members in the Quad Cities with locally relevant information about the impacts of climate change;
- **EMPOWER** community members to identify and pursue greater investments in the long-term resilience of their community, including through nature-based projects where appropriate;
- **SERVE** as a foundation for stakeholders to make informed choices and leverage funding opportunities for the present and future of the region.

PRODUCT – Community-Driven Climate Assessment for the Quad Cities region with input from the relevant stakeholders.



Community Identified Climate Risks

extreme heat
drought
flash flooding
wildfire smoke
extreme weather
derecho
river flooding
air quality
tornadoes

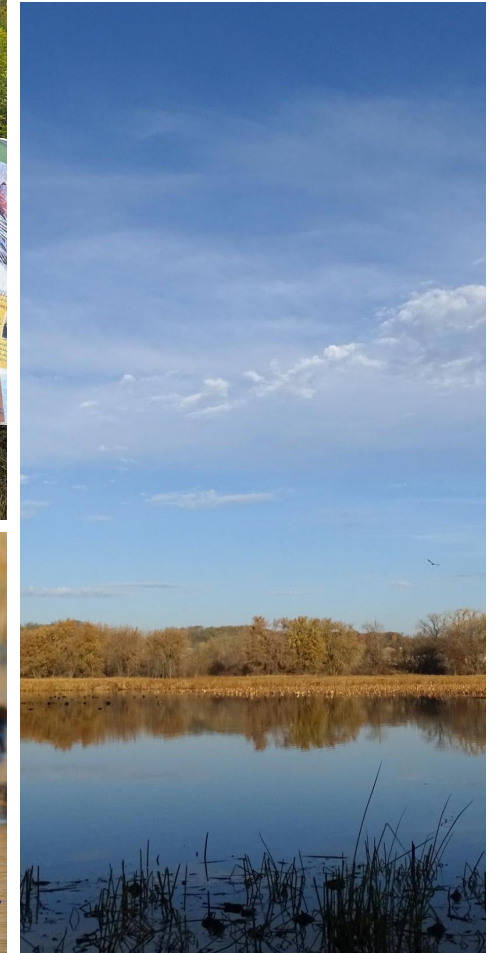
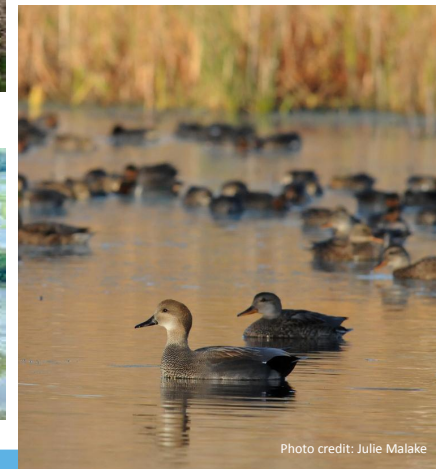
Quad Cities Interactive Flood Map



[Interactive Flood Map](#)

Resilience

Nature-Based
solutions can
help the Quad
Cities prepare



Nature-Based Solutions

- Actions to protect, sustainably manage and restore natural and modified ecosystems that address societal challenges effectively, while providing environmental and economic benefits
- Ability to adapt to a changing climate
- Alternative to hard infrastructure, or can be used in combination – “green-gray hybrid solutions”
- Provide wide-ranging co-benefits: cleaner air and drinking water, wildlife habitat, carbon sequestration, recreational use/outdoor tourism, cultural assets

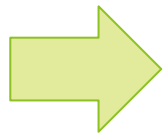


Questions?



Resilient Quad Cities: Your Project Choices

If you're already doing this work
and have an ongoing project,
please share with us through our



[Project Identification Survey](#)



Resilient Quad Cities: Your Project Choices

Help us shape the future of the Quad Cities! We are looking to prioritize and plan nature-based solutions in the Quad Cities area to mitigate our hazard risks, protect our streams and rivers, and enhance our quality of life.

Nature-based solutions include conserving and restoring natural ecosystems, such as healthy wetlands, floodplains, and forests, as well as employing engineered systems designed to mimic natural system functions. Properly implemented, nature-based solutions can play an important role in community climate adaptation and resilience, while also providing economic, social, and environmental benefits and enhancing quality of life for community residents.

This survey aims to engage the community in identifying and developing nature-based solutions that enhance our local environment and improve quality of life.

By participating in this survey, you will contribute to:

- Identifying key nature-based projects that benefit the community.
- Highlighting the potential environmental and social impacts of these projects.
- Ensuring community involvement in project planning and maintenance.
- Exploring funding strategies and partnerships to support these projects.

Your feedback is crucial in creating a sustainable and vibrant Quad Cities. Together, we can develop and implement projects that promote environmental health, enhance recreational spaces, and foster community engagement. Thank you for taking the time to share your thoughts and help us build a resilient future!

Thank you!

Questions? Comments? Feedback?

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