

# Science to Advance Freshwater Ecosystem and Community Resilience in the Appalachians (SAFER Apps):

Join the below **Virtual Roundtables** to learn and contribute ideas on needs to advance resilience to flood hazards



**JANUARY 30**  
**2:30 - 3:30 PM**

[Register via ZOOM](#)

## **Integrating applied research to flood resilience from a systems perspective**

**Speaker:** Dr. Brenda Bergman, Freshwater Director North, Appalachians Global Focal Place, The Nature Conservancy

**Outcome:** Learn about and help articulate how we can integrate applied research to flood resilience needs from a systems perspective

**FEBRUARY 27**  
**2:30 - 3:30 PM**

[Register via ZOOM](#)

## **Building Community to Manage Flood Impacts**

**Speaker:** Dr. Lara Fowler, Chief Sustainability Officer, Penn State University

**Outcome:** Learn about program successes and shortcomings in meeting the diversity of flood resilience needs, preferences, and priorities among rural Pennsylvania communities

**MARCH 20**  
**2:30 - 3:30 PM**

[Register via ZOOM](#)

## **Frameworks, tools, and applications for flood resiliency planning in Appalachia**

**Speakers:** Dr. Jamie Shinn, Assistant Professor, SUNY College of Environmental Science and Forestry; Dr. Behrang Bidadian, Research Associate & GIS Analyst, West Virginia GIS Technical Center

**Outcome:** Learn about Appalachian-specific flood planning from the West Virginia Flood Resiliency Framework

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*Zoom registration will send you a calendar invitation  
Stay tuned for continued sessions in April to June*



*Individuals with need for remote access or requiring accommodations, please contact  
Hannah Fischer at [hannah.fischer@uvm.edu](mailto:hannah.fischer@uvm.edu)*

# FLOOD FORECASTING ADVANCES AND CHALLENGES: PERSPECTIVES FROM THE SOUTHERN APPALACHIANS

*A Virtual Roundtable to learn and contribute ideas on needs to advance resilience to flood hazards*



**Dr. Katie van Werkhoven, Senior Water Resources Engineer, RTI International**

Dr. van Werkhoven specializes in watershed and river systems modeling and analysis, including hydrologic, reservoir, and water quality modeling.

**APRIL 17TH 2:30-3:30 PM**

Learn about nationwide advances in streamflow & flood forecasting and lessons learned from model performance assessments of Hurricane Helene in the southern Appalachians.



[Join via Zoom](#)



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# PREPARING AGENTS OF CHANGE FOR TOMORROW: BUILDING YOUTH CONFIDENCE AND CAPACITY FOR CLIMATE RESILIENT FUTURES IN APPALACHIA

*A Virtual Roundtable to learn and contribute ideas on  
needs to advance resilience to flood hazards*

**MAY 15TH 2:30-3:30 PM**



**Kennedy Lawson, West Virginia University,  
Center for Resilient Communities**

Kennedy is the Education Coordinator at the Center for Resilient Communities and is pursuing an M.A. in geography. Her research is focused on flood risk assessment and planning, incorporating participatory GIS approaches.

**Megan Kruger, West Virginia University, Division  
for Land Grant Engagement**

Megan is the Evaluation Specialist within the Division for Land-Grant Engagement.



[Join via Zoom:](#)



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