

EPA Tools and Resources Webinar: Equitable Resilience Builder (ERB) Tool

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Equitable Resilience Concepts



Overview of the ERB Tool



Demo of the Tool









Webinar participants will:

Learn about equity considerations in resilience planning

Become familiar with the Equitable Resilience Builder (ERB) tool

Feel comfortable getting started with downloading and using the tool



Why Focus on Equity and Resilience?

Social and environmental inequalities increase vulnerability to disasters and climate change





Resilience projects can unintentionally make social and environmental inequities worse

Which neighborhoods get projects?



Whose needs are prioritized?



Whose voices are heard?





What is Equitable Resilience?

<u>Resilience</u> involves strengthening your community's capacity to prepare for, withstand, respond, adapt, and transform in the face of climate change, disasters, and other hazards.

Equitable resilience does so in ways that:

- Are culturally appropriate
- Are informed by local knowledge
- Use inclusive methods of making decisions
- Acknowledge differential vulnerabilities
- Address social and environmental inequalities
- Pay attention to the distribution of the benefits and costs of resilience





What is ERB?

A downloadable tool for inclusive resilience planning for disasters and climate change

Who might use it:

- State, county, municipal, Tribal, territorial agencies
- Emergency managers, public health, environment, land use planners
- Community organizations

Use it to plan for:

- Climate adaptation
- Disaster resilience
- Hazard mitigation

Use it to:

- Engage with community groups and agencies
- Assess local hazards, equity, and resilience of social, built, and natural environment systems
- Identify and evaluate actions to take to support resilience in an equitable way

The tool provides:

- Guidance for collaborative activities
- A space to save and store materials
- Visualizations of results

EPA United States Environmental Protection Agency BRB centers Equity in Content and Process

Outreach and engagement techniques

- Acknowledge emotions and trauma
- Youth engagement guide
- "Centering equity" advice for each activity

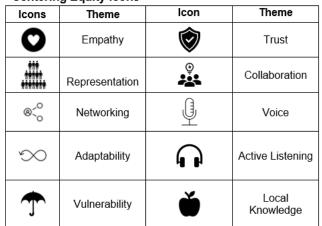
Storytelling exercises

- Prompts to use in team meetings and community workshops
- Assessment begins with *local knowledge* and adds in scientific data
- Build relationships that support resilience

Indicator card sorting activity

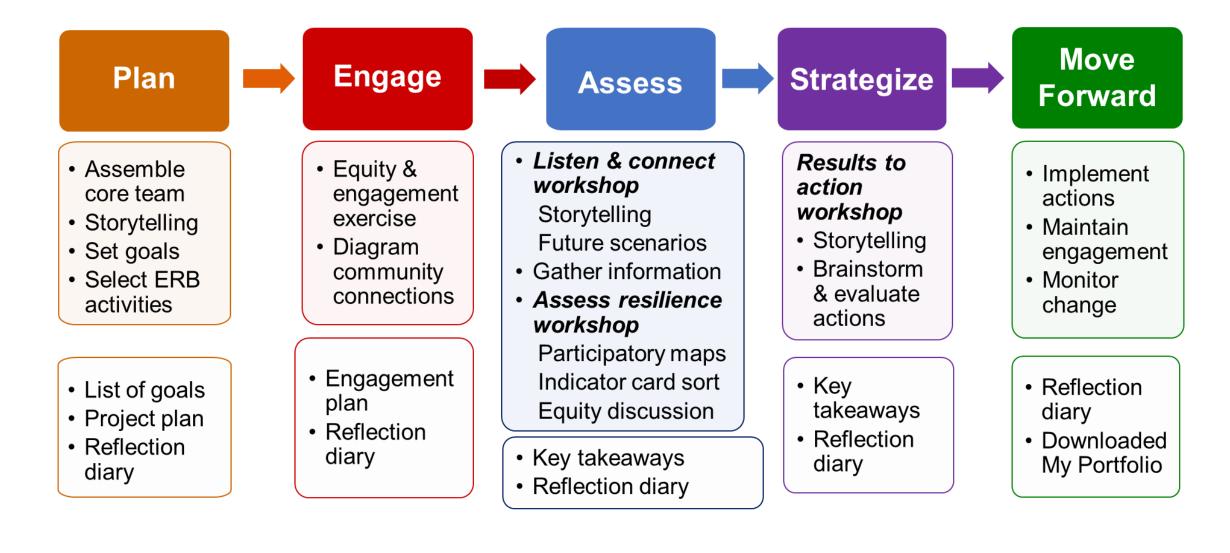


Centering Equity Icons





The 5 ERB Sections





ERB is Designed to be Used by a "Core Team"



Agencies

- State, county, municipal, Tribal, territorial
- Emergency management
- Environment, health, land use
- Public works





The core team

Makes decisions

- Plans and carries out ERB activities
- Does community engagement

Documents the project in the tool

Community representatives

- Neighborhood associations
- Informal leaders
- Youth club

Private or nonprofit organizations

- Local businesses
- Faith institutions
- Food pantry



Pilot case studies

Community Engagement and Planning for Watershed Resilience

Grand Rapids Urban Waters Federal Partnership



Link to StoryMap



Equitable Resilience Planning

- You are the director of Friends of the Deep River Watershed Alliance with members from 5 counties, 15 municipalities, a Tribal Nation, and other organizations.
- Your region is experiencing climate change impacts from flooding, storms and heat.
- You are creating a resilience action plan for the watershed with recommendations that local governments can use for managing stormwater, wetlands, and natural resources and for supporting community health and well-being.
- Underserved communities in the watershed are experiencing the worst impacts of flooding and water quality.
- You want to ensure these communities are included in developing the resilience action plan so that their voices are represented, and the plan includes actions to reduce disparities and increase the resilience of the most impacted areas.

ERB can help!







Photo credits: FEMA



Demo of the Tool



Equitable Resilience Builder

Inclusive planning for disasters and climate change



What is ERB?

The 5 sections of ERBHow ERB centers equityExamples of ERB projects

SEPA



Get Started

Start a new projectContinue your projectExplore the tool



Support

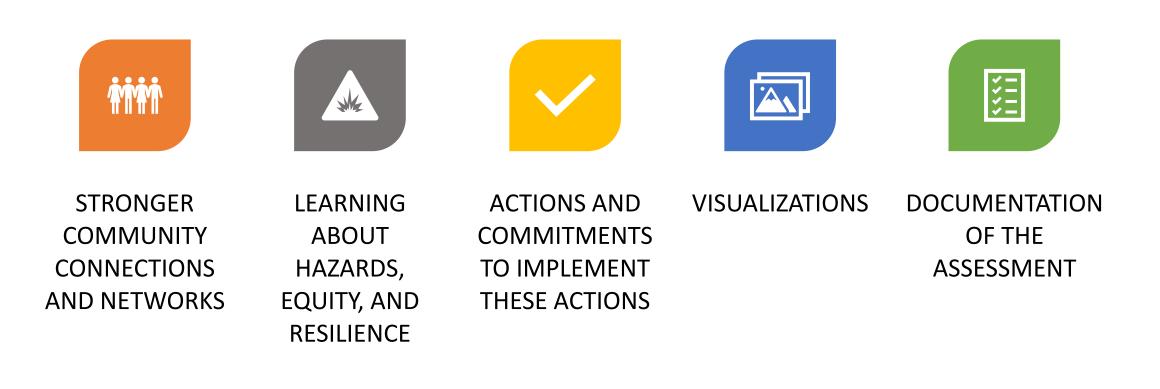
Quick-start guide How to customize ERB

About





What You Get from Using the Tool





ERB Supports "All-hazards" Resilience Planning

Tribal environmental agency is doing a climate vulnerability assessment

Emergency manager is updating a county's hazard mitigation plan

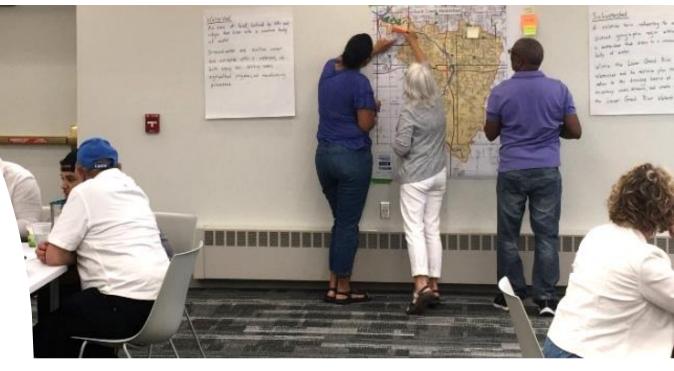
EPA Region 8 brownfields manager assisting communities with forward-looking design as part of revitalization





Feedback Welcome

- *"This is a valuable tool, helpful and well thought out."*
- *"It's clear, it's actionable, it's a very good guide."*
- "I'm about to meet with farmers in [my county] and may have them tell stories to open the meeting."
- "We're beginning to plan workshops for neighborhood level resilience planning. This would be a great tool to structure those sessions and inform the planning."







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