

Kick-Off Meeting

Resilience. Innovation. Sustainability.
Environment.



Natural Hazards
plus student-led
civic action.

- Inquiry Based Learning.
- Project Based Learning.
- Student Competition.
- Student Summit.
- Project Implementation.



RISE Challenge Illinois engages students in exploring their local communities to identify real-world environmental issues and develop solutions and action plans for making their communities more resilient.



FEMA



Audience

- **Any IL educator**
 - **Formal educators**
 - **Non-formal educators**
- **Middle-School and High School aged students**
 - **Can be expanded down to upper elementary**

Benefits to the Educator

- Program support all along the way
- Free professional development and resources
- State network of RISE Educators and national network to tap into
- Local experts/industry leaders to assist research and/or project implementation
- Funding!
 - Cash prize money for winning teams
 - Any team that submits a written proposal has access to project implementation funding

Benefits to the Students

- Increased understanding of natural hazards/natural disasters that impact their community
- Experience in environmental issue investigation and solution research
- Experience in developing real-life solutions to environmental problems
- Increased efficacy in civic involvement
- Recognition for involvement in statewide student competition



The Process with the Students



Challenge Timeline

- **Fall 2021**
 - **Professional Development – Earth Force Workshop**
October 5 and 7; 4:00pm – 6:30pm
 - **Build a Team**
- **Winter 2021/2022**
 - **Begin discussion, investigation and research with students**
- **Spring 2022**
 - **Written Proposal Deadline – 3/18/22**
 - **Possible Project Implementation**
 - **Summit Presentation Deadline – 4/22/22**
 - **Summit – 5/4/22**

Discuss Natural Hazards

- No experience or expertise needed!
- Start by asking questions.

RISE Educator Resources

- Where to Begin Presentation
 - Definitions
 - Preparedness Questions
 - Mitigation Questions

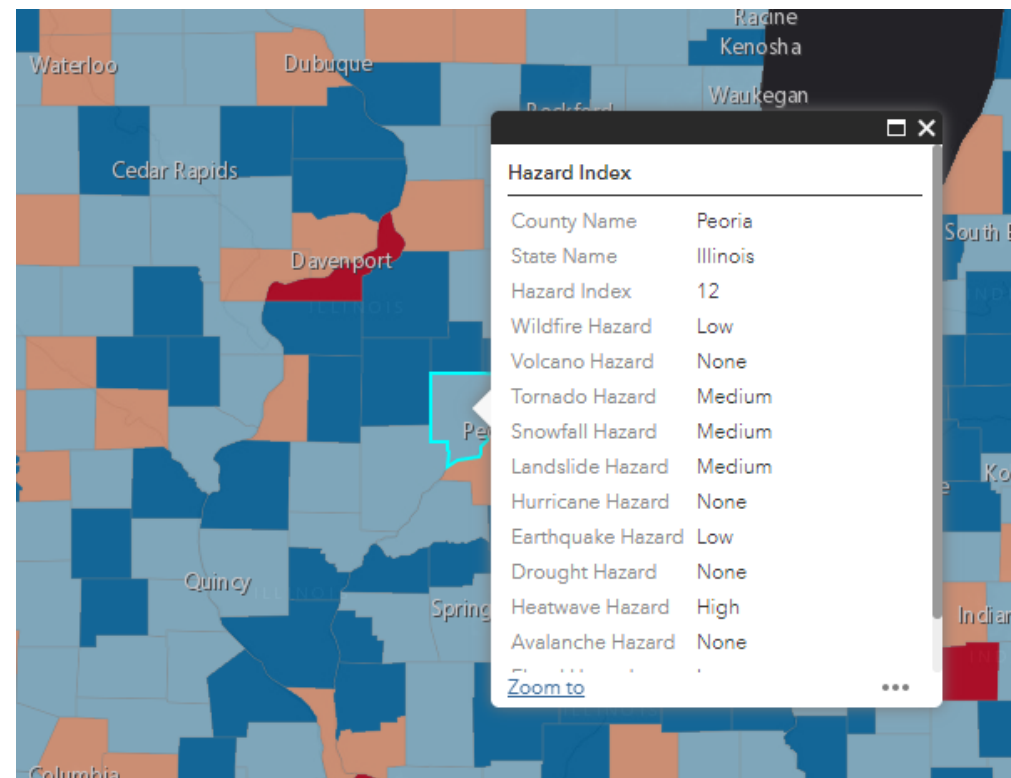
Define Community

- Surrounding Community (city, neighborhood)
- School/Facility Grounds (outdoor area)
- School/Facility (indoor area)
- Classroom
- Student's Homes

**Keep the scale and scope of
the project manageable and
achievable.**

Issue Investigation

- Revisit Investigative Questions
 - For each issue – Are we ready? How can we lessen the impact?
- Multi-Hazard by Community Tool



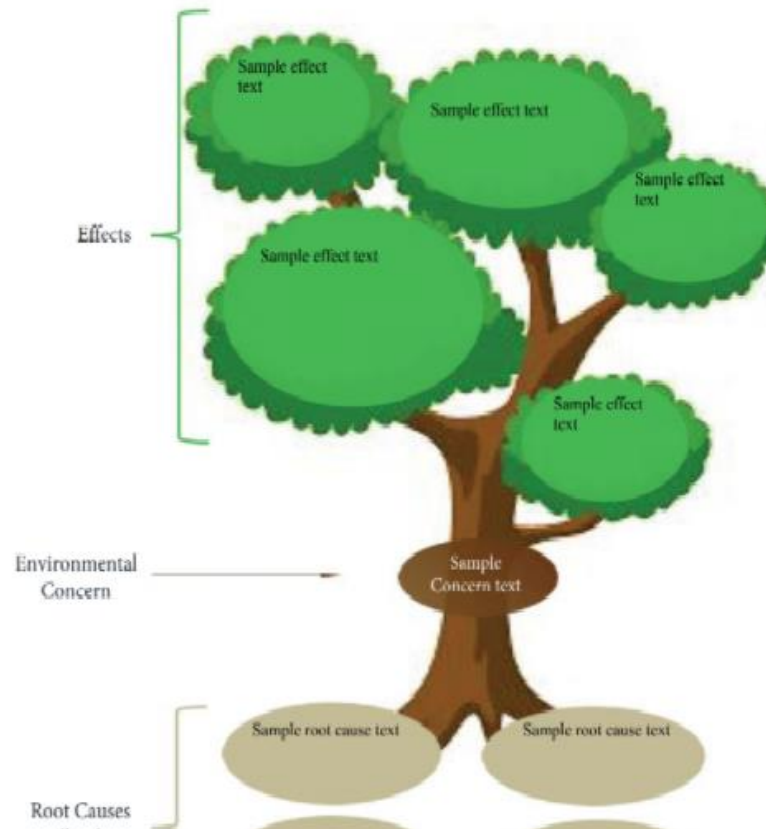
Earth Force Resources

- Root Cause Tree



Issue
Investigation

Cause and Effect Tree An Exercise in Root Cause Analysis



Issue Investigation

- **Connect with an expert**
 - **Conduct Interview**
 - **Site Visit**
 - **Classroom Presentation**

Investigation should end with the students selecting the issue they will focus on and with a good grasp of the problem they may want to address.

NOT THE SOLUTION!

Make the voting a part of the fun!



Solution Research

Preparedness Solutions –

- [Illinois Hazard Preparedness](#)
- Connect with an Expert
- [FEMA Youth-Focused Resources](#)

Mitigation Solutions –

- [FEMA Mitigation Ideas](#)
- [Illinois Hazard Mitigation Strategies](#)
- Connect with an Expert

Develop Project Plan

- Utilize [Project Proposal Guide](#)
- [Proposal Checklist](#)
- [Budget Guidelines and Worksheet](#)
- Judging rubrics available

LET'S SEE AN EXAMPLE!

RISE Summit

Virtual Student Summit to share their projects and answer questions from judges.

- Written Proposal Deadline – 3/18/22
 - Opportunity to revise plan/project based on judges' feedback
 - Apply for implementation funds prior to Summit
- Summit Presentation Deadline – 4/22/22
 - See an example – [Shiloh High School](#)
- RISE Challenge IL Summit – 5/4/22



Let's Hear from a RISE Educator

Pam Evans – Shiloh High School – 2021 Third place winner.

Questions?

- Contact EEAI Executive Director; Abbie Enlund; executivedirectoreeai@gmail.com
- Contact EEAI Program Coordinator; Kelli Parke-Buckner, eeaiprojects@gmail.com
- RISE Website - <https://www.eeai.net/rise-challenge-illinois.html> or WWW.EEAI.NET
- RISE Educator Facebook Group
- Join the Earth Force Workshop in October for FREE! Contact me for the registration code.

Ready to get Started?

Click the **JOIN THE CHALLENGE** button on the RISE Website.