

# August 17-19, 2021 USGS Risk Community of Practice Annual Meeting -- AGENDA

*Session recordings are posted below. Please note recordings are only accessible within DOI.*

*Questions? Please email [riskyworld@usgs.gov](mailto:riskyworld@usgs.gov). To join the Risk Research and Applications Community of Practice, visit <https://listserv.usgs.gov/mailman/listinfo/cdi-risk>*

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## MEETING AGENDA

### Day 1 (August 17, 2021) (all times ET) (Part 1 recording, Part 2 recording)

**12:00 – 12:30** Welcome, including comments from Dave Applegate, Associate Director for Natural Hazards Exercising the Delegated Authority of the Director

**12:30 – 1:30** Keynote: *A Risk Communication Challenge – Belief Systems as Precursors to Protective Actions* - [David Abramson](#), New York University School of Global Public Health

**1:30 – 2:30** Break

**2:30 – 3:45** FY20 Risk Funding Awardee Presentations

- User perspectives on volcanic risk: Evaluating the effectiveness of co-produced risk communication products intended for public outreach *Joseph Bard, Volcano Science Center*
- Developing community-scale earthquake hazards and risk modeling in Westport, WA *Alex Grant, Earthquake Science Center*
- Open innovation playbook for risk *Sophia Liu, Science and Decisions Center*
- Integrating decision analysis and risk analysis: Using utility theory to help DOI decision makers understand their context-specific risk tolerance *Michael Runge, Patuxent Wildlife Research Center*
- Answering to stakeholders: Sensitivity of liquefaction hazard to groundwater change from sea-level rise *Anne Wein, Western Geographic Science Center*

**3:45 – 4:30** Program and Project Evaluation – [Nora Smithhisler](#), USGS FORT Social and Economic Analysis Branch

*Ever wondered how to think about evaluating your projects – and including this in the design of your projects from the beginning? Join us for a session to learn some basics of evaluation and examples of how USGS programs and projects have been assessed.*

**4:30 – 5:00** Virtual Networking: Meet and Greet another Risk COP Member

**5:00** Adjourn

### Day 2 (August 18, 2021) (all times ET) (Part 1 recording, Part 2 recording)

**12:00 – 12:10** Introduce the Day/Who did you meet?

**12:10 – 1:30** Working with Community Based Organizations

*What does it mean to work with a community? How do you connect with the trusted voices within a community? How do you establish a relationship with these groups and individuals? How do you best determine their needs for information? How do you develop and deliver information and products they need – and know that they are being used? What are examples where this has been done successfully and what are the elements of success? This panel will include speakers from outside the USGS who will provide examples of how scientists and communities collaborate for solutions to reduce risk from a variety of disruptions.*

*Panelists:*

- [Janice Barnes](#), Founding Partner, Climate Adaptation Partners
- [Jane Cage](#), Principal for Insightfive22
- [Daniel Homsey](#), Director, Neighborhood Empowerment Network
- [Raj Pandya](#), Director, AGU Thriving Earth Exchange

**1:30 – 2:30** Break

**2:30 – 4:00** Introducing the FY21 Risk Funding Awardee Projects

- Co-production of lahar hazard products with Mount Shasta emergency managers and communities *Jessica Ball, Volcano Science Center*
- User needs assessment of southern California emergency managers to improve post-fire debris flow inundation hazard products *Katherine Barnhart, Geologic Hazards Science Center*
- Wind erosion risk on Navajo Nation lands of the Colorado Plateau *Seth Munson, Southwest Biological Science Center*

3:10 – 3:20 Break (10 min)

- Coastal Vulnerability Assessments in Puerto Rico: focused stakeholder engagement to foster equity and inclusion *Legna Torres-Garcia, St. Petersburg Coastal and Marine Science Center*
- Predicting risk of plant invasion following wildfires in the United States *Janet Prevey, Fort Collins Science Center*
- Perceived and realized risks to vegetation communities on lands managed along the US-Mexico border: identifying restoration needs in human-altered drylands *Daniel Winkler, Southwest Biological Science Center*

4:00 – 4:30 Insights for the FY22 RFP and FY22 RFP Theme Discussion

*Each year, there is a competitive risk request for proposals (RFP) open to anyone in the USGS and designed to support projects that advance the USGS Risk Plan. First, this presentation will revisit lessons learned from previous awardees and will be particularly valuable to the FY21 Risk award recipients and to those who are considering submitting a proposal to the FY22 RFP. Remaining time will be used to collectively brainstorm ideas for an FY22 theme to incentivize projects in a particular area of focus.*

4:30 – 5:00 Science Communication and Podcasts - Mark Ristich, Executive Producer, [Snap Judgement](#)

5:00 Adjourn

## Day 3 (August 19, 2021) (all times ET) (Part 1 recording) (Part 2 recording)

12:00 – 12:15 Introduction to the Day

12:15 – 1:30 Part 1: Diversity, Equity, and Inclusion Initiatives at DOI and USGS

*Speakers:*

- Ryan Hathaway, Environmental Justice Coordinator, DOI
- Regina Neal-Mujahid, Chief, USGS Office of Diversity and Equal Opportunity

1:30 – 2:00 Break (30 min)

2:00 – 2:15 Part 2: Equity in Risk Research and Applications Strategic Plan Initiative - Emily Brooks, USGS Natural Hazards Mission Area (see Part 2 recording)

2:15 – 4:30 Mini-Workshop: Considering Equitable Engagement in Research Design - Emily Brooks and Alice Pennaz, USGS Natural Hazards Mission Area (see separate [Teams link](#))

*This knowledge sharing mini-workshop will share tools (including a spectrum of participatory methods), success stories, and troubleshoot common challenges around increasing equitable engagement in risk research design. Our goal is for participants to walk away with concrete ideas and strategies for better engaging partners and collaborators and incorporating equity into their work at multiple levels.*

*Before the workshop, we strongly recommend that participants take a look at the following workshop proceedings for ideas and examples: [Conversing with Pelehonuamea: A workshop combining 1,000+ years of traditional Hawaiian knowledge with 200 years of scientific thought on Kilauea volcanism \(usgs.gov\)](#)*

*Additional suggested references for those who wish to dig deeper (this list will be updated throughout the annual meeting):*

- ["The Vulnerability Bearers"](#) by Lori Peek
- [CONVERGE initiative briefing sheets and training modules on conducting engaged interdisciplinary hazards and disaster research](#)
- ["Beyond Outreach Handbook: A Guide to Designing Effective Programs to Engage Diverse Communities"](#) by NPS Conservation Study Institute and University of Vermont
- ["Participatory Action Research"](#) by Alice McIntyre
- ["Where Are the Missing Coauthors? Authorship Practices in Participatory Research"](#) by Sarna-Wojcicki et al. (Contact [ebrooks@usgs.gov](mailto:ebrooks@usgs.gov) and [apennaz@usgs.gov](mailto:apennaz@usgs.gov) if you're unable to access the article)
- ["A Whole Community Approach to Emergency Management"](#) by FEMA
- ["Paying Community Members for Their Time"](#) — Shelterforce
- *Example projects:*
  - ["A Guidance Document for Characterizing Tribal Cultural Landscapes"](#) by BOEM, NOAA, Makah Tribe, Confederated Tribe of Grand Ronde Community of Oregon, Yurok Tribe, National Marine Sanctuary Foundation
  - [Sierra Nevada Adaptive Management Project](#)
  - [EPA's Bucket Brigade program, e.g., Louisiana Bucket Brigade](#)
  - [The Empowered Communities Program](#)
- *In the news:*
  - [How Spanish speakers lack access to weather information and efforts to help - The Washington Post](#)
  - [Bridging the Language Barrier During the Puerto Rico Earthquake \(usgs.gov\)](#)