

RISK & RESILIENCE



The Risk & Resilience Special Initiative seeks to find common ground and collaboration opportunities among researchers at Purdue with an interest in risk or resilience from any disciplinary perspective or background and in any application area. We want to learn how different disciplines think about these topics and facilitate matchmaking between methodologists and domain specialists, between risk assessment and risk management experts, and between scholars, practitioners and decision makers. Risk and resilience cut across many of ISF's other research communities, so partnerships with other groups are welcome.

Key areas of research include:

- Engineering, infrastructure and built environment
- Risk perception and risk communication
- Climate change and natural hazards
- Economics and benefits analysis
- Ecological risk assessment
- Resilience theory and systems dynamics
- Actuarial sciences and insurance

ABOUT THE INSTITUTE

Drawing on the United Nations Sustainable Development Goals, Purdue's Institute for a Sustainable Future fosters and promotes research, partnerships, and engagement that advances understanding of persistent global sustainability challenges. The Institute supports the research and development needed to provide viable solutions to grand challenges in these areas by connecting faculty and researchers with one another and by forging linkages between disciplines and communities within Purdue and beyond.

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