

PARTNERSHIPS FOR A RESILIENT KANSAS

Kansas is becoming increasingly at risk of extreme weather, natural disasters, and cyberattacks. While it is impractical to safeguard infrastructure from all hazards, we can boost our resilience.

This is the purpose of **ARISE**, which stands for **A**daptive & **R**esilient **I**nfrastructures driven by **S**ocial **E**quity. Simply put, this novel project seeks to help Kansans rebound faster and suffer less from large-scale disasters. Our research is rooted in community engagement and blended with education to pave the way for statewide benefits.

JOIN US.

Whether you're a municipality, a utility provider, a local business, a nonprofit, or any other entity looking to become more resilient—we want to partner with you. Your understanding of local realities is critical to developing disaster resilience.

RESEARCH BY KANSANS FOR KANSANS

ARISE unites more than 12 universities and colleges, including the University of Kansas, Kansas State University, and Wichita State University. We connect engineers with social scientists, students, educators, policy-makers, business leaders, and other voices statewide.

Kansas ranks
9th



in federal
disaster
declarations

48



Companies, campuses,
municipalities, & other
entities linked to ARISE



PIONEERING A NEW APPROACH TO RESILIENCE

Our research will culminate in a **one-of-a-kind** decision-support tool for analyzing resilience. This tool could transform how communities manage their infrastructure. Rather than focusing solely on efficiency like conventional tools, ARISE factors in principals of social equity. Local insights further bolster design, ensuring we meet the needs of the most vulnerable Kansans.

WHAT TO EXPECT

- Partner with us and help steer research to benefit rural & urban regions:
- help develop new tools for planning for extreme weather and other disasters.
 - gain access to learning opportunities to better manage critical infrastructure.
 - build capacity for limiting damage & accelerating recovery from a shock.
 - shape data science learning that strengthens resilience across Kansas.
 - help identify the needs of marginalized communities.

Regardless of how you engage—from sharing data to helping create resources—you can expect mutual trust, respect, and commitment from the ARISE team.

ARISE is a major, 5-year investment in Kansas by the U.S. National Science Foundation (NSF) Established Program to Stimulate Competitive Research (EPSCoR). NSF uses EPSCoR to ensure every citizen has access to STEM experiences by increasing research capacity in traditionally under-funded regions of the country—like Kansas. For every dollar it invests in Kansas, the state gets back twice that in non-EPSCoR funding. Any opinions, expressed here are those of the author(s) for this project (OIA-2148878), and do not necessarily reflect the views of NSF.

