

Land-grant universities are collaborating on research that makes farms and communities more resilient to disasters.

- Researchers designed better gear for firefighters, police officers, soldiers, and medical workers so they can work safely and effectively during in hazardous conditions.
- A team of researchers is dedicated to supporting midsize farms and supply chains, which can boost resilience to extreme weather, pandemics, and other disruptions.
- A nationwide network of scientists collects, analyzes, and shares data that help farmers and communities prepare for droughts, floods, heat waves, and severe storms.
- In coastal states, researchers identified vulnerabilities and designed technology so septic systems perform safely in challenging conditions and after natural disasters.
- A team's sensors, monitoring systems, and research findings on soil physics and hydrology have been used to design infrastructure that reduces flood risks, stores nuclear waste safely, and minimizes contamination from mine spills.
- Research has helped fisheries and aquaculture prepare for and recover from hurricanes and oil spills.

