

The infrastructure systems that provide critical functions to communities and enterprises, such as energy, water, communications, transportation, and healthcare, are becoming increasingly interconnected. This trend has accelerated with the extension of internet connectivity into these systems to facilitate their being monitored and controlled remotely. As a result, natural and man-made disasters such as hurricanes and typhoons, deluges and floods, heat waves and droughts, as well as earthquakes and volcanos and cyber-attacks and acts of terrorism can now cascade in ways that threaten enterprises, communities, and societies at regional, national, and even global levels.

For nearly two decades, the Global Resilience Institute (GRI) has led efforts to investigate man-made and naturally occurring disasters for lessons that can support communities in preparing for these events. We have organized and led workshops that bring together infrastructure owners and operators, emergency managers, corporate executives and public officials in developing and deploying practical and affordable resilience solutions. Our Integrated Resilience Enhancement Solution (I-RES) process identifies multi-dimensional infrastructure vulnerabilities and guides investments in mitigation measures, informs emergency response, and supports the prioritization of actions to accelerate the recovery and adaptation of critical infrastructure when disasters strike.

GRI welcomes opportunities to bring its unique expertise to engaging with public and private stakeholders on tailoring resilience best practices to their communities and regions.

For more details, contact:

Stephen E. Flynn

Founding Director
Global Resilience Institute
s.flynn@northeastern.edu

Scott Pickens

*Director of Marketing
& Development Operations*
Global Resilience Institute
s.pickens@northeastern.edu

Phil Anderson

*Director for Innovation
& Research Development*
Global Resilience Institute
p.anderson@northeastern.edu

Angie Valencia

*Associate Director of Operations
& Chief of Staff*
Global Resilience Institute
a.valencia@northeastern.edu

About GRI

Launched in 2017 with the approval of Northeastern University's Board of Trustees, the Global Resilience Institute (GRI) is the world's first university-wide institute to respond to the resilience imperative. Today, GRI undertakes multi-disciplinary resilience research and education efforts that draws on the latest findings from network science, health sciences, coastal and urban sustainability, engineering, cybersecurity and privacy, social and behavioral sciences, public policy, urban affairs, business, law, game design, architecture, and geospatial analysis.