



Regulating for Resilience

Panel Session 1: Thursday, 1 August 2024

Panel Chair – Lynne Gallagher, AER Board Member

#RegulatoryConference



Risks to critical infrastructure are on the rise

Critical infrastructure faces a wider range of threats and hazards than ever before:

- Climate change
- Natural Disasters (fires, floods etc.)
- Cyber-attacks/breaches
- Supply chain disruptions and constraints

The impact of these threats and hazards (when realised) can be more consequential than ever before.

- The disruption of services is one of the largest contributors to economic losses from disasters.



The impact of these risks can be wide-ranging, so the solutions to addressing these risks needs to be wide-ranging

- Critical infrastructure is more highly interdependent and interconnected.
- This creates the potential for an individual failure to cascade into significant outages.
- There is a pressing need for a coordinated intervention and investment in resiliency.
- Addressing technical resiliency challenges across multiple types of risks, can be more effective than individual or siloed approaches.
- But coordinating this can be hard.



Solutions need to consider more than technical or economic aspects

- While the economic impact of disruptions is often the focus of resiliency efforts, the social impact is just as significant.
- It can take communities years to recover, including both the physical infrastructure as well as the social cohesion and health and wellbeing of the community.
- Resilience of critical infrastructure is both the prevention of disruptions and the recovery from disruptions.
- How this is implemented will impact the resiliency of the communities the infrastructure serves.



Regulating for Resiliency - Panel Members

Jennifer Potter	Professor Johanna Weaver	Dr Liming Zhu	Nicola Hepenstall
			
<p>Faculty Research Specialist Hawaii Natural Research Institute University of Hawaii</p>	<p>Director ANU Tech Policy and Design Centre</p>	<p>Director of Software and Computational Systems CSIRO</p>	<p>Executive Director The Insights Centre</p>
<p>Areas of speciality: Network resiliency (energy and utilities), demand response, community-based renewables, distributed energy resources, energy regulation and running.</p>	<p>Areas of speciality: Technology policy, cyber security, digital risks and threats, and reading.</p>	<p>Areas of speciality: Artificial Intelligence - accountability and associated risks, Cybersecurity, and resilience in cooking.</p>	<p>Areas of speciality: Communication and community engagement research, and swimming.</p>



Questions



Participants can join at
slido.com with #3273961

#RegulatoryConference

