



Workshop: Intersections Between Resilience and Risk

Prof Alistair Milne (Loughborough University)

What does Resilience mean to you?:
(How do you define resilience?)

Limited transmission of disturbance through the networks of interconnections that link firms, households, assets and infrastructures.

(adapted from my work on systemic financial risk)

Your Current Research Focus:

(Identify your areas of research that could be applied to building resilience into risk management)

- Insurance of natural disasters
- Financial risk management
- Modelling of financial risk

I also work on financial sector resilience

Key Resilience Research Challenges:
(List what you believe to be the key challenges)

- (a) Understanding the linkages between systems. A 'systems of systems' perspective is valuable.
- (b) Ensuring that critical 'nodes' do not fail or can be replaced.
- (c) Useful quantification of financial risks, for immediate response; for long-term recovery

What would good look like?

(Your view required here – with some context)

- Understanding of critical points of failure
- A model (probabilistic or just scenarios) of financial costs of response/ recovery for these critical points
- Preplanning of cost burden