

Governance Dimensions of Earthquake Resilience & Recovery in NZ: A Portfolio of Research for 2016-2020

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A research portfolio for 2016-2020

1. What are the institutional barriers and enablers for building earthquake resilience and recovery in NZ?
2. What governance structures, processes and practices will foster earthquake resilience and recovery in NZ?

Why focus on governance?

Institutionalizing social choices that secure community well-being by promoting economic development, public safety, resilience and sustainability is fundamental to meeting the needs of present and future generations. NZ communities will remain vulnerable to earthquakes unless understanding about earthquake resilience and recovery is developed *and institutionalized*.

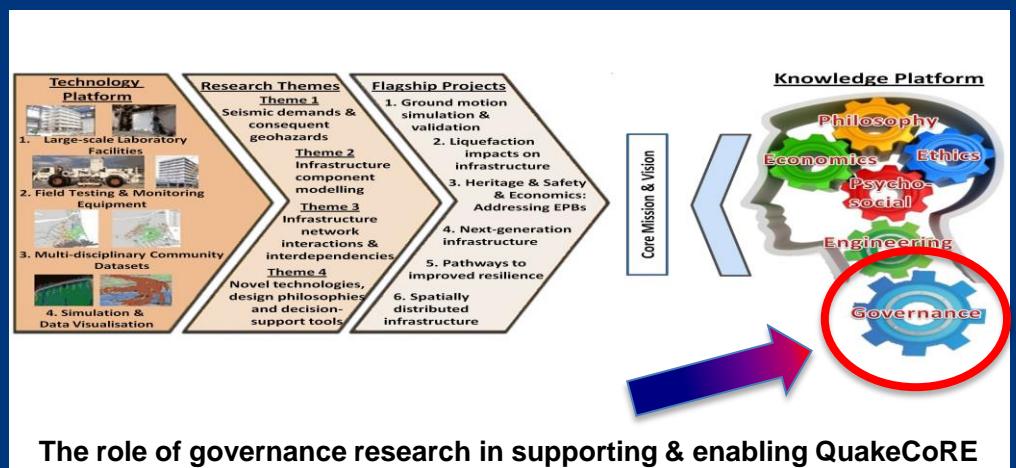
What is governance?

Governance is NOT government. **Governance** refers to the interactions of actors and networks in the state (government), civil society and the private sector, as well as science and the media, in seeking to address societal problems through coordination, power sharing, and collective action.

Institutions are norms and rules that are used to make social choices and govern the behaviour of and interactions between key actors. Examples include the law, the market, education and religion.

Proposed governance research portfolio

1. Conceptual framework & lessons learned (2016)
2. Governance-focused case studies (2017-2020)
3. Resilience governance capability-building (2017-2020)



The role of governance research in supporting & enabling QuakeCoRE

2016 Project: Understanding the governance dimensions of earthquake resilience

1. Conceptual framework: Seismic risk and resilience and recovery governance
2. Canterbury recovery governance lessons learned
3. Christchurch City and Wellington City: Action research & resilience governance capability building

Conceptual constructs

<u>Institutional barriers</u>	<u>Institutional enablers:</u>
myopia	policy windows
deep uncertainty	deliberation
wicked problems	mainstreaming
lock-in	adaptive governance
path dependency	innovation
transboundary coordination	regime shifts
risk framing	citizen science
maladaptation	reflexivity
tyranny of small decisions	trust
disruptive change	social capital
institutional dissonance	institutional double-glazing
discounting the future	co-design
adversarial science	moral capital
escalating conflict	boundary organizations
apathy & issue fatigue	policy entrepreneurs
merchants of doubt	bridging science-policy-practice
	authentic public engagement.

QuakeCoRE PhD: Martín Cartagena

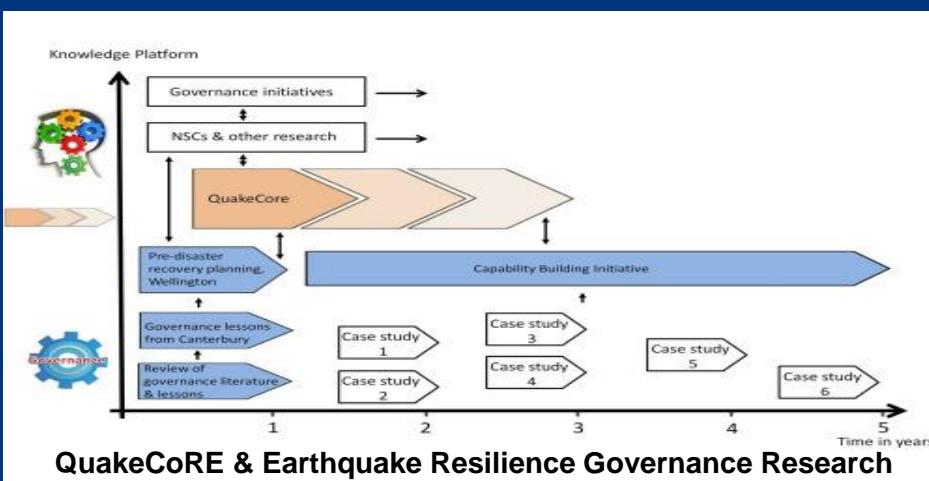
Framing earthquake resilience from a community capitals networks perspective: A Canterbury case study

This research integrates insights from the Community Capitals Framework (CCF) and Social Network Analysis (SNA) to develop a new conceptual framework for enabling more effective earthquake resilience governance in practice.



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QuakeCoRE & Earthquake Resilience Governance Research