



Inter-disciplinary Programme 4 Harnessing Disruptive Technologies for Seismic Resilience



Te Hiranga Rū | QuakeCoRE
Aotearoa New Zealand Centre for Earthquake Resilience



Renewable
energy
throughout
communities

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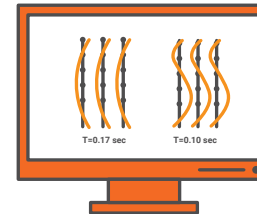
Autonomous
electric
transportation

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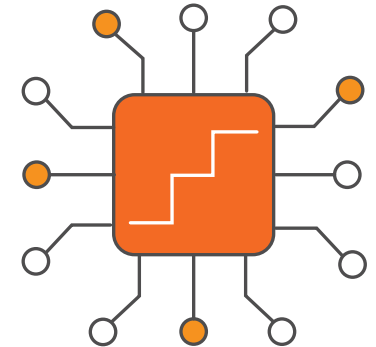


Smart cities
and real-time
sensing

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Modelling and
evaluation of
benefits and
pitfalls



Adoption pathways
for disruptive
technologies

Identifying the social, economic and environmental impacts of new technologies and how they can be strategically adopted to bring about transformational advances in seismic resilience.

Disruptive technologies, that significantly alter how things are done, provide the potential for radical advancements to seismic resilience by embracing such change.

Benefits for equity and wellbeing from the adoption of disruptive technologies, as well as ways to avoid adverse impacts, will be explored via novel toolkits.

Research Areas

- Distributed infrastructure
- Electrification and autonomous transport
- Sensing society through smart technologies

Programme Area Leaders:

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