



QuakeCoRE Annual Meeting: Draft Programme

This programme is subject to change. Last updated 06 September 2021

WORKSHOPS – more details available [HERE](#)

Monday 6 December 2021	Tuesday 7 December 2021
9.00am PŌWHIRI <i>Details to be announced</i>	9.00am – 12.00pm Transcolonisation of UTAS: University Targeted Admissions System & Mātauranga Māori
11.00am – 12.00pm : Talanoa-HUBBS (Humans United Beyond Borders Session) Engaging Pasifika for Urban Resilience	9.00am – 12.00pm The Challenges of Earthquake Resilience in Lower Seismic Hazard Zones
1.00pm – 4.00pm National Seismic Hazard Model	1.00pm – 4.00pm Establishing a Research Agenda for Disruptive Technologies that Create Seismic Resilience
1.00pm – 4.00pm Science Communication & Media Training (For Early and Mid-Career Researchers)	1.00pm – 4.00pm Te Arawa Atlas / Te Ngāti Awa Atlas of Marae Resilience
	1.00pm – 4.00pm Science Communication for Researchers: QuakeCoRE Emerging Researcher Chapters (QERC) Workshop

2021 Annual Meeting

Tuesday 7 December 2021 - Evening

4.00pm – 5.15pm REGISTRATION DESK OPEN

5.15pm MIHI WHAKATAU

6.00pm KEYNOTE LECTURE: Annick Masselot

Feminist Perspective on Earthquakes and other Disasters Responses: the Value of Gender Equality and the Ethic of Care

7.00pm WELCOME RECEPTION

9.00pm POSTER HANGING & POSTER SESSION

Wednesday 8 December 2021

8.00am – 8.30am REGISTRATION DESK OPEN

8.30am – 11.00am Opening Session

2021 State of QuakeCoRE and Start of QuakeCoRE 2021-2028: Te Hiranga Rū QuakeCoRE Directors

Mātauranga Māori

Communication, Education and Engagement (CEE)

QERC Lightning Talks

- Marufa Akther (University of Otago)
- Rodrigo Calderon (University of Canterbury)
- Lucia Danzi (University of Otago)
- Holly Faulkner (University of Canterbury)
- Rosa Gonzalez (University of Auckland)

Wednesday 8 December 2021 - continued

QERC Lightning Talks - continued

- Jin Chang Winston He (University of Auckland)
- Richard Mowl (Victoria University of Wellington)
- Stephen Piva (Victoria University of Wellington)
- Petra Satele (Massey University)
- Thomas Wallace (University of Canterbury)

11.00am MORNING TEA

11.30am – 1.00pm Plenary Session 1

Functional Recovery: Technical, Economic and Societal Factors for Maintaining and Restoring Function of Multi-storey Buildings

Chairs: Geoff Rodgers, Alice Chang-Richards and Ken Elwood

Charlotte Brown (Resilient Organisations)
 Helen Trappitt (Lewis Bradford Consulting Engineers)
 Anthony Hoete (University of Auckland)
 Mark Willard (Ministry of Education)
 David White (Colliers)

1.00pm: LUNCH – POSTER SESSION

2.00–3.30pm Plenary Session 2

Journey Towards a Resilient Aotearoa New Zealand Transport System

Chairs: Charlotte Brown and Liam Wotherspoon

Stuart Woods (Waka Kotahi New Zealand Transport Agency)

Seósamh Costello (University of Auckland)

Cécile L’Hermitte (University of Waikato)

The Evolution of Land Transport Resilience

Integrating Transportation Simulation Into Resilience Assessment

Keeping Goods Moving in the Wake of an Earthquake: Integrating the New Zealand Freight System

3.30pm AFTERNOON TEA

4.00pm – 6.00pm POSTER SESSION / DROP-IN SESSIONS / FREE TIME

6.00pm – 7.00pm PRE-DINNER RECEPTION

7.00pm QuakeCoRE DINNER

Thursday 9 December 2021

9.00am-10.30am Plenary Session 3

Thriving Residential Communities, Resilient to Earthquakes

Chairs: Julia Becker and Tim Sullivan

Nathan MacDougal (Tonkin + Taylor)

Eric Bird (Tonkin + Taylor)

Sjeord Van Ballegooy (Tonkin + Taylor)

Nick Horspool (GNS Science)

Jo Horrocks (EQC)

Tim Sullivan (University of Canterbury)

Shaking Fragility of Houses and Learnings

Liquefaction Fragility of Houses and Learnings

Liquefaction Models/Mapping

Putting it all Together into a Loss Model

Opportunities for Improving Residential Resilience for Communities

Overview to the Thriving Residential Communities QuakeCoRE Project

Thursday 9 December 2021 - continued

10.30am MORNING TEA

11.00am-12.30pm Plenary Session 4

DEWI: Diversity, Equity, Wellbeing, and Inclusivity – What Does this Mean in my Space?

Chairs:

QuakeCoRE DEWI Committee - Siautu Alefaio, Denise Blake, Emily Campbell, Kaley Crawford-Flett, Ken Elwood, Lesley Gray, Charlotte Toma, Jessica Thompson and SR Uma

Tūmanako Fa’au (University of Auckland)

Tamzin Letele (AECOM)

Ben Payne (Massey University)

Sulo Shanmuganathan (Waka Kotahi New Zealand Transport Agency)

12.30pm LUNCH – POSTER SESSION

1.15pm-2.45pm Plenary Session 5

Existing, Emergent, and Future Harnessing of Disruptive Technologies for Transformative Seismic Resilience

Chairs: Nirmal Nair and Garry McDonald

Andrew Renton (Transpower)

Hamish Avery (University of Canterbury)

Robert Cardwell (Market Economics)

Grid Resilience in a De-carbonised Future

Horses, Water, but Drinking? My Experience in Introducing Disruptive Resilience Technology

Creating Impact-Based Investment Cases for Resilience: Next Generation Socio-economic Evaluation Using Integrated, Spatially Explicit and Dynamic Modelling of Seismic Events

2.45pm-3.15pm Closing Session

Directors Closing Remarks

Brendon Bradley, David Johnston, Anthony Hoete, Caroline Orchiston and Ken Elwood

Poroporoaki