

Distributed Infrastructure RNC/QuakeCoRE

Monthly Meeting

13/3/2017

Summary

- Introductions
- Invited “Introduction to Riskscape” Nick Horspool
- Invited “Electric Power Distribution Systems Resilience Modelling Toolbox” Leo Liu
- Invited “National State of Infrastructure Report” Roger Fairclough
- Summary of activities
- Potential new NHRP and RNC funding

Invited Talks

2017 RfP Projects

- 17145 - Characterisation and screening of New Zealand stopbank networks (Crawford-Flett - QC)
- 17143 - Characterising long-term ground deformation impacts on Christchurch City's buried high voltage electricity network since the start of the Canterbury Earthquake Sequence (Hughes - UC)
- 17123 - Tsunami loading characteristics on power poles (Whittaker - UA)
- 17104 - Framework for integrated 'end to end' impact assessment of infrastructure networks under natural hazards (Uma - GNS)

Infrastructure Advisory Group

- Roger Fairclough (NZLC)
- Dave Brunson (Kestrel)
- Noel Roberts (Water NZ)
- John Clarke (Transpower)
- Paul Bagg (MCDEM)
- Rob Ruitter (Chorus)
- Tim Herbert (MOT)
- Jon Butler (NIU)

Resilience Challenge Science Forum

Invitation

National
SCIENCE
Challenges

RESILIENCE
TO NATURE'S
CHALLENGES

Kia manawaroa –
Ngā Ākina o
Te Ao Tūroa

**RESILIENCE
CHALLENGE
ANNUAL
FORUM**

FRIDAY MARCH 31, 2017

9.00AM – 3.00PM

**SOUNDINGS THEATRE, TE PAPA TONGAREWA,
CABLE STREET, WELLINGTON**

We will kick off with a welcome and quick overview of our ten science programmes which together comprise 32 individual resilience projects.

Next we'll take a look at measuring resilience in New Zealand and some of the great citizen science being done in the Resilience Challenge, with a joint session by our Trajectories and Culture programmes.

Two feature sessions will follow on our diverse Rural and Urban Resilience science programmes which will provide an in-depth look at the work and progress of the two programmes along with their interrelationships with community, stakeholders, and other science programmes.

We will wrap up with a summary overview, and for those interested in international relationships in the resilience sector, a brief session on global networks.

It should be a great day and we look forward to sharing our progress with you!



National
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Kia manawaroa
– Ngā Ākina o
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TO REGISTER, RSVP TO A.ROWE@GNS.CRI.NZ (include any dietary requirements)

Other Meetings

- Auckland Lifelines – research summary
- RNC Infrastructure – Economics meeting
- QuakeCoRE Leadership Team retreat

Funding Opportunities

- NHRP
 - No information on Post-Kaikoura funding
 - Contestable (Delayed until June 2017 – Nov 2017 Start)
- RNC RfP (Due 24 March)
 - Develop projects to align with current programme
 - Cut across toolboxes & priority labs
- QuakeCoRE
 - Kaikoura
 - Alpine Fault

Other Items?

- Wiki:

<https://wiki.canterbury.ac.nz/display/QuakeCore/FP6%3A+Distributed+Infrastructure>