

# Built Environment: Horizontal Infrastructure

Monthly Meeting

9/8/2021




# Summary

- Introductions
- Presentation: "Grappling with supply chain vulnerability: from urban centres to the high seas." Nadia Trent
- Presentation: "Energy and the Environment: thinking about the impacts of current and future systems." Rebecca Peer
- Highlights and Discussion
- Other items

# Papers & Highlights

- Send through recently published papers
- Highlight at end of monthly meetings

# Quantifying system-level dependencies between connected electricity and transport infrastructure networks incorporating expert judgement

Conrad Zorn  , Raghav Pant , Scott Thacker, Lea Andreae & Asaad Y. Shamseldin

Received 03 Jun 2019, Accepted 01 Jun 2021, Published online: 21 Jun 2021

Zorn C., Pant. R., Thacker, S., Shamseldin A.Y., & Andreae, L. (2021) Quantifying system-level dependencies between connected electricity and transport infrastructure networks incorporating expert judgement. *Civil and Environmental Systems*, 1-21, DOI: 10.1080/10286608.2021.1943664

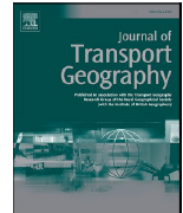
*Journal of Transport Geography* 95 (2021) 103154



Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

Journal of Transport Geography

journal homepage: [www.elsevier.com/locate/jtrangeo](https://www.elsevier.com/locate/jtrangeo)



## Measures to evaluate post-disaster trip resilience on road networks

Mohammad T. (Siavash) Aghababaei <sup>\*</sup>, Seosamh B. Costello, Prakash Ranjitkar

*Department of Civil and Environmental Engineering, University of Auckland, Auckland, New Zealand*

# Media

- Flooding and Climate Change
- Tom Logan
- Asaad Shamseldin





2021 RIVERS GROUP CONFERENCE  
**MAKING ROOM  
FOR RIVERS**

**17-19 November 2021**

 Lower Hutt Events Centre

- Abstracts close 23 August

<https://www.riversconference2021.co.nz/>

**Climate Change Symposium**  
**30 September 2021**  
**Auckland | Wellington | Christchurch | Online**

The New Zealand Geotechnical Society in partnership with Engineering New Zealand, The Sustainability Society and MBIE will host a symposium to discuss the role of geotechnical engineers in climate change.

- Abstract submission open

# NATIONAL LIFELINE UTILITIES FORUM 2021



Wednesday 3<sup>rd</sup> November  
Thursday 4<sup>th</sup> November  
**Queenstown**  
Memorial Hall, 1 Memorial Street

**Registrations are required by the 15<sup>th</sup> October 2021, registration link:**  
<https://www.eventbrite.com/e/national-lifeline-utilities-forum-tickets-157416317443?ref=estw>



QuakeCoRE  
NZ Centre for Earthquake Resilience  
*Te Hiranga Rū*



National  
**SCIENCE**  
Challenges

RESILIENCE  
TO NATURE'S  
CHALLENGES

Kia manawaroa  
– Ngā Ākina o  
Te Ao Tūroa



# NeSI eResearch Conference

- 9-11 Feb 2022
- University of Canterbury and online
- <https://www.eresearchnz2022.org.nz/>

# Other Items

- Slack Channel
  - To join:
  - <http://bit.ly/rnc-infrastructure>

# Any Other Items?

- Wiki:

<https://wiki.canterbury.ac.nz/display/QuakeCore/Special+Project+1%3A+Spatially-distributed+Infrastructure>