

2023 Monthly Webconferences: Distributed Infrastructure

Objective: To coordinate and obtain feedback on the plans of the Distributed Infrastructure research programme.

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11 December 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "Technical resilience of stormwater management systems" Nariman Valizadeh
- Presentation: "A systems approach to climate change, water and wellbeing" Charlotte Brown
- Discussion

Participants:

Apologies: Liam Wotherspoon

13 November 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "Let's Talk about Risk framework for community engagement" Charlotte Brown
- Presentation: "Cyclone Gabrielle Flood Modelling update" Emily Lane
- Presentation: "NISWE Infrastructure impacts update" Liam Wotherspoon
- Discussion: "National Lifelines Utilities Forum Reflections" Various

Participants: Liam Wotherspoon, Charlotte Brown, Emily Lane, Alec Wild, Amir Shariati, Andrew Stolte, Annisa Hasanah, Belinda Storey, Blaine Morch, Brigit Stephenson, Cecile L'Hermitte, Conrad Zorn, Craig Campbell-Smart, Dario Peitra, Eduardo Allen, Eric Sauvage, Graeme Blick, Graeme Smart, Grant Maxwell, Indira Venkatraman, Jonathan Fairclough, Julian Morton, Kenan Liu, Kristian Azul, Louisa Prattley, Martyn Wooster, Matthew Hughes, Megan Boston, Mo Razzaghi, Nadia Trent, Nathan MacDonald, Nirmal Nair, Patrick Curran, Richard Mowll, Richard Smith, Rolando Orense, Romain Meite, Seosamh Costello, Steven Price, Stuart Woods, Theuns Henning, Tom Logan, Tom Wilson, SR Uma, Yi Wang, Noel Kortright, Hajar Sarmadi, Charles Lan, Murry Cave, Alex Cartwright, Tessa Allen, Charlie Noakes

Apologies: Haukapuanui Vercoe

9 October 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "The changing face of infrastructure – 2023 National (Critical Infrastructure) Vulnerability Assessment" Lisa Roberts
- Presentation: "Extreme Weather Research Platform Updates" Richard Smith

Participants: Liam Wotherspoon, Lisa Roberts, Richard Smith, Alec Wild, Amelia Lin, Amir Shariati, Andrew Stolte, Anish Khadka, Annisa Hasanah, Belinda Storey, Blaine Morch, Brabha, Brigit Stephenson, Cecile L'Hermitte, Charles Lan, Craig Campbell-Smart, Logan Brunner, Patrick Curran, Marcelle Scadden, Nohah Forde, Dario Pietra, Eduardo Allen, Eric Sauvage, Haukapuanui Vercoe, Hugh Mace, Jonathan Fairclough, Joshua Daglish, Julian Morton, Kristian Azul, Louisa Prattley, Martin Brook, Matthew Hughes, Minh Kieu, Mitchell Anderson, Nadia Trent, Natalie Mitchell-Lowe, Nathan McDonald, Graeme Smart, Nirmal Nair, Noel Roberts, Robert Cardwell, Prakash Ranjitkar, Carol Stewart, Roger Fairclough, Tessa Allen, Theuns Henning, Thomas Wallace, Tom Logan, Tumanako Fa'aui, SR Uma, Yasir Imtiaz, Martyn Wooster, Conrad Zorn

Apologies: Seosamh Costello

14 September 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "[Telecommunications and Cyclone Gabrielle: learnings and next steps](#)" Paul Brislen
- Presentation: "[Cyclone Gabrielle in Gisborne Tairāwhiti](#)" Murry Cave

Participants: Liam Wotherspoon, Paul Brislen, Brigit Stephenson, Alec Wild, Anish Khadka, Alex Cartwright, Amandine Bosserelle, Amelia Lin, Amir Shariati, Andrew Stolte, Anny Percy, Annisa Hasanah, Caroline Orchiston, Cecile L'Hermitte, Charlie Noakes, Conrad Zorn, Dario Pietra, Eric Sauvage, Grant Maxwell, Haukapuanui Vercoe, Hugh Mace, Joanna Fountain, Joshua Daglish, Kenan Liu, Kristian Azul, Kaley Crawford-Flett, Louisa Prattley, Mark Bebbington, Matt Naylor, Matthew Hughes, Max Stephens, Minh Kieu, Nathan McDonald, Nirmal Nair, Noel Kortright, Peter Northcote, Richard Mowll, Roger Fairclough, Romain Meite, Ross Roberts, Ryan Paulik, Steven Price, Tessa Allan, Theuns Henning, Thomas Wallace, SR Uma, Victoria Miller, Yi Wang, Patrick Curran, Nohah Forde, Joshua Wight, Jonathan Fairclough, Brabha, Nadia Trent, Martyn Wooster, Murry Cave

Apologies: Seosamh Costello, Tumanako Fa'au

14 August 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "[Supporting Infrastructure Recovery Project: Key lessons and building resilience](#)" Hugh Mace & Patrick Curran - University of Canterbury
- Presentation: "[Integration of Resilience and Risk to Natural Hazards into Transportation Asset Management of Road Networks: A Systematic Review](#)" Eduardo Allen - University of Auckland
- Presentation: "[Modelling cascading impacts from natural hazards throughout interdependent infrastructure](#)" Logan Brunner - University of Canterbury

Participants: Liam Wotherspoon, Alec Wild, Amandine Bosserelle, Amelia Lin, Amir Shariati, Andrea Wolter, Anish Khadka, Annisa Hasanah, Blaine Morch, Brabha, Caroline Orchiston, Cecile L'Hermitte, Charles Lan, Eduardo Allen, Emma Stucki, Eric Sauvage, Graeme Blick, Grant Maxwell, Grant Wilson, Jonathan Fairclough, Kaley Crawford-Flett, Kristian Azul, Logan Brunner, Louisa Prattley, Marcelle, Marcus Gibson, Martyn Wooster, Matt Naylor, May, Minh Kieu, Mitchell Anderson, Nadia Trent, Natalie Mitchell-Lowe, Nathan McDonald, Nicci Wood, Nirmal Nair, Nohah Forde, Nutricha Limboonngam, Patrick Curran, Paul Brislen, Dario Pietra, Portia Sharp, Prakash Ranjitkar, Richard Mowll, Richard Smith, Rizky Kurnia Wijaya, Rob Deakin, Ryan Paulik, Sam Archie, Seosamh Costello, Steven Price, Stuart Woods, Theuns Henning, SR Uma, Yi Wang, Nutricha

10 July 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "Strengthening the resilience of Aotearoa New Zealand's critical infrastructure system - Inviting feedback and submissions" Ryan Walsh & Emma Bickerstaffe - DPMC
- Presentation: "Improved sharing for emergency management" Rob Deakin – LINZ
- Presentation: "NEMA Activities and Updates" Ajay Makhija - NEMA
- Overview of MBIE-funded extreme weather event research

Participants: Liam Wotherspoon, Charlotte Brown, Emma Bickerstaffe, Ryan Walsh, Ajay Makhija, Alec Wild, Alex Cartwright, Amelia Lin, Amir Shariati, Andrea Vianella, Anish Khadha, Annisa Hasanah, Arthur, Belinda Storey, Charles Lan, Cecile L'Hermitte, Conrad Zorn, Eduardo Allen, Emily Lane, Emma Stucki, Eric Sauvage, Frances Beetham, Graeme Blick, Grant Maxwell, Grant Wilson, Hugh Mace, Jessica Mandi, Jonathan Fairclough, Julian Morton, Kaley Crawford-Flett, Kenan Liu, Kilisimasi Latu, Kristian Azul, Livvy Harris, Louisa Prattley, Mark Bebbington, Martyn Wooster, Matt Naylor, May, Monique Cornish, Nadia Trent, Nathan McDonald, Nicci Wood, Nirmal Nair, Paul Brislen, Peter Northcote, Richard Mowll, Rob Cardwell, Rob Deakin, Roger Fairclough, Rolando Orense, Ryan Paulik, Sheng Lin Lin, Steve Peake, Theuns Henning, Thomas Wallace, Tom Logan, SR Uma

12 June 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentations: Extreme weather events impacts and recovery
 - Julian Morton & Mario Feraru – Transpower
 - Eric Pyle - solarZero
- Overview of MBIE-funded extreme weather event research

8 May 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentations: Extreme weather events impacts and recovery
 - Ross Roberts – Auckland Council
 - Murry Cave – Gisborne District Council
 - [Stuart Woods – Waka Kotahi](#)

- Tom Wilson - NEMA
- Overview of MBIE-funded extreme weather event research

Participants: Liam Wotherspoon, Ross Roberts, Alice Change-Richards, Alana Weir, Alec Wild, Alistair Davies, Amandine Bosserelle, Amelia Lin, Amir Shariati, Andrew Stolte, Anish Khadka, Annisa Hasanah, Blaine Morch, Brabha, Caleb Gasston, Carol Stewart, Caroline Orchiston, Cecile L'Hermitte, Charlotte Brown, Charles Lan, Charles Li, Colin Whittaker, Conrad Zorn, Craig Campbell-Smart, David Johnston, Eduardo Allen, Emily Lane, Emma Singh, Eric Sauvage, Frances Neeson, Grant Maxwell, Hugh Mace, Jenny Ewing, Jeremy Bennett, Joanna Fountain, Jon Tunnicliffe, Josh Wight, Keith David Salardo, Kaley Crawford-Flett, Kenan Liu, Kilisimasi Latu, Kristian Azul, Logan Brunner, Malcolm Johnstone, Martin Brook, Marcelle Scadden, Matthew Hughes, Megan Boston, Minh Kieu, Mitchell Anderson, Monique Cornish, Murry Cave, Nathan McDonald, Nicci Wood, Nico Pondard, Nirmal Nair, Noel Roberts, Nutnicha Limboonngam, Patrick Curran, Paul Brislen, Prageeth Jayathissa, Prakash Ranjitkar, Richard Flay, Richard Mowll, Richard Smith, Roger Fairclough, Rolando Orense, Romain Meite, Ryan Paulik, Seosamh Costello, Sepinia Indrawati, Sheng Lin-Lin, Sam Ketley, Steven Price, Stuart Woods, Tessa Allan, Theuns Henning, Thomas Wallace, Tim Stahl, Tom Logan, Tom Robinson, Tom Wilson, Turner, Tumanako Fa'aui, Vinod Sadashiva, Wei Lin

Apologies: David Edge, Shari Gallop, Nadia Trent, Jan Lindsay

13 March 2023 (1:00-2:30pm NZT)

Purpose: To coordinate and share research activities on 2023 Distributed Infrastructure research.

Agenda:

- Introductions (All)
- Presentation: "Coastal erosion impacts of Cyclone Gabrielle" Mark Dickson [Recording](#)
- Presentation: "Extreme weather event impacts across the Auckland Region" Ross Roberts [Recording](#)
- Presentation: "Hawkes Bay flood protection infrastructure: preliminary observations on embankment performance following Cyclone Gabrielle" Kaley Crawford-Flett [Recording](#)
- Presentation: "USAR engineer response to Auckland Flood and Cyclone Gabrielle" Lucas Hogan
- Other Updates
- Discussion (All)

Participants: Liam Wotherspoon, Mark Dickson, Annisa Hasanah, Alec Wild, Amandine Bosserelle, Amelia Lin, Amir Shariati, Andrew Stolte, Asaad Shamseldin, Blaine Morch, Brabha, Brendon Bradley, Anna de Raadt, Cecile L'Hermitte, Charlotte Brown, Colin Bloom, Colin Whittaker, Conrad Zorn, David Edge, Eduardo Allen, Emily Lane, Emma Singh, Eric Sauvage, Haukapuanui Vercoe, Hugh Mace, Jo Fountain, Kaley Crawford-Flett, Kenan Liu, Kristian Azul, Lisa Roberts, Lucas Hogan, Mark Gordon, Matthew Hughes, Max Stephens, Minh Kieu, Nirmal Nair, Richard Mowll, Roger Fairclough, Rolando Orense, Romain Meite, Ross Roberts, Ryan Paulik, Sandeeka Mannakkara, Seosamh Costello, Sepina Indrawati, Sheng-Lin Lin, Steven Price, Thomas Wallace

Apologies: Theuns Henning,