

ISCRAM Asia Pacific 2018 Conference – Poster Presentations

Poster Title	Authors and Affiliations
A Real-Time Disaster-Related Information Sharing System	Osamu Uchida ¹ , Masafumi Kosugi ² , Keisuke Utsu ³ , Sachi Tajima ¹ , Makoto Tomita ¹ , Yoshitaka Kajita ¹ , Yoshiro Yamamoto ¹ , <i>Tokai University, Hiratsuka, Japan; Yahoo Japan Corporation, Chiyoda, Japan; Tokai University, Minato, Japan</i>
Alternative Data Sources for Impact-Based Forecasting and Warning Systems for High Impact Weather	Sara Harrison ¹ , Sally Potter ² , Raj Prasanna ¹ , Emma Hudson-Doyle ¹ , David Johnston ¹ , <i>Joint Centre for Disaster Research, Wellington, New Zealand; GNS Science, Lower Hutt, New Zealand</i>
An Integrated Simulation Framework to Model Critical Infrastructure Interdependencies	Yasir Imtiaz Syed ¹ , Raj Prasanna ¹ , S R Uma ² , Kristin Stock ³ , Denise Blake ⁴ , <i>Joint Centre for Disaster Research (JCDR), Massey University, Wellington, New Zealand; GNS Science, Lower Hutt, Wellington, New Zealand; Institute of Natural and Mathematical Sciences, Massey University, Auckland, New Zealand; School of Psychology, Massey University, Wellington, New Zealand</i>
Building Better Disaster Risk Models: understanding the role of transient populations in disaster risk models	Mathew Darling ¹ , Thomas Wilson ¹ , Caroline Orchiston ² , Brendon Bradley ¹ , <i>University of Canterbury, Christchurch, New Zealand; University of Otago, Dunedin, New Zealand</i>
Cascading Natural Disasters Modeling and Prediction	Feiyu E ¹ , Lili Yang ² , <i>The University of Hong Kong, Hong Kong, Hong Kong; Southern University of Science and Technology, Shenzhen, China</i>
Citizen Science and Hazard Research	Lisa McLaren ¹ , David Johnston ¹ , Julia Becker ² , Emma Hudson-Doyle ¹ , Abi Beatson ¹ , <i>Joint Centre for Disaster Research (JCDR), Massey University, Wellington, New Zealand; GNS Science, Lower Hutt, New Zealand</i>
Coping With (Un)Expected Disasters in an Emerging Economy	Marian Zulean ¹ , Gabriela Prelipcean ² , <i>University of Bucharest, Bucharest, Romania; University "Stefan cel Mare" of Suceava, Suceava, Romania</i>
Cultivating Innovation Skills in the Disaster Education Classroom	Emanuel Leleito ¹ , <i>Nagoya University, Nagoya, Japan</i>

Data Management System Development in the Pacific for Disaster Risk Reduction	S Lin ¹ , Paula Holland ² , Shaun Williams ³ , Juli Ungaro ⁴ , Sachindra Singh ⁵ , Olivier Dalang ⁵ , Ryan Paulik ⁴ , Johnie Nimau ⁶ , Titimanu Simi ⁷ , Finn Scheele ¹ , <i>GNS Science, Lower Hutt, New Zealand; NIWA, Hamilton, New Zealand; NIWA, Christchurch, New Zealand; NIWA, Wellington, New Zealand; SPC, Suva, Fiji; Vanuatu NDMO, Port Vila, Vanuatu; Samoa NDMO, Apia, Samoa</i>
Disaster Apps: Usability factors affecting continued intention to use	Marion Lara Tan ¹ , Raj Prasanna ¹ , Kristin Stock ² , Emma Hudson-Doyle ¹ , Graham Leonard ³ , David Johnston ¹ , <i>Joint Centre for Disaster Research, Wellington, New Zealand; Institute of Natural and Mathematical Sciences, Massey University, Auckland, New Zealand; GNS Science, Lower Hutt, New Zealand</i>
Exploring Sense of Community in Self-Governed Virtual Communities in Times of Crisis	Mahmudul Hasan ¹ , <i>University Of Auckland, Auckland, New Zealand</i>
Flood Risk and Flood Insurance in New Zealand	Jacob Pastor ¹ , Ilan Noy ¹ , Isabelle Sin ² , <i>Victoria University of Wellington, Wellington, New Zealand; MOTU Economic and Public Research, Wellington, New Zealand</i>
Help Businesses and NGOs in Your Region Get Ready to Get Through	Tracy Hatton ¹ , Joanne Stevenson ¹ , Omar Abou-Samra ² , <i>Resilient Organisations Ltd, Christchurch, New Zealand; Global Disaster Preparedness Centre, Washington D.C., The United States of America</i>
Meaningful Use of Social Bots? - Possible Applications in Crisis Communication During Natural Disasters	Lennart Hofeditz ¹ , Deborah Bunker ¹ , Christian Ehnis ¹ , Stefan Stieglitz ² , Florian Brachten ² , <i>University of Sydney, Sydney, Australia; Universität Duisburg-Essen, Duisburg, Germany</i>
Measuring the Impact of Insurance on Urban Recovery with Light	Cuong Nguyen ¹ , Ilan Noy ¹ , <i>Victoria University of Wellington, Wellington, New Zealand</i>
National-scale Infrastructure Network Exposure to Liquefaction Using Geospatial Models	Amelia Lin ¹ , Liam Wotherspoon ¹ , Daniel Blake ² , Brendon Bradley ² , Jason Motha ² , <i>University Of Auckland, Auckland, New Zealand; University of Canterbury, Christchurch, New Zealand</i>
Organisational Resilience and Crisis Response	Justyna Tasic ¹ , <i>Nanyang Technological University, Singapore</i>

Rural Broadband Usage Meets Rural Community Resilience: Is It Possible?	Ming Xiang ¹ , William Liu ² , Edmund M-K Lai ² , Jairo Gutierrez ² , Arjuna Sathiaseelan ³ , Jinsong Wu ⁵ , <i>Auckland University of Technology, Auckland, New Zealand; Auckland University of Technology, Auckland, New Zealand; Ammbr Research Labs, London; Universidad De Chile, Chile, Universidad De Chile</i>
SC-WE: A Semantically Classified Word Embedding for Information Retrieval in Humanitarian Crises	Aladdin Shamoug ¹ , Stephen Cranefield ¹ , Grant Dick ¹ , <i>University of Otago, Dunedin, New Zealand</i>
Severe Weather Forecasting & Disaster Risk Reduction Demonstration Project (SWFDDP)	James Lunny ¹ , <i>Meteorological Service of New Zealand Ltd, Wellington, New Zealand</i>
Survival Clothing for Flood Affected People	Areef Shaik ¹ , Vicki Karaminas ¹ , Rodney Adank ¹ , <i>The Massey University, Wellington, New Zealand</i>
The Power of Technology Integration for Disaster Management	Samaneh Madanian ¹ , Dave Parry ¹ , <i>AUT, Auckland, New Zealand</i>
Topics of Social Media Communication and Socio-Economic Recovery	Yuya Shibuya ¹ , Hideyuki Tanaka ¹ , <i>The University of Tokyo, Tokyo, Japan</i>
Towards a Resilient Crisis Governance: assessing the potential of the net-centric approach	Kees Boersma ¹ , <i>Vrije Universiteit Amsterdam, Amsterdam, The Netherlands</i>
Unmanned Aerials Vehicle - Assisted Mobile Edge Network for Disaster eHealth Communications and Resource Allocation Services	Samaneh Madanian ¹ , Li Diao ¹ , William Liu ¹ , Dave Parry ¹ , Luca Chiaraviglio ² , Yue Cao ³ , Kanchana Kanchanasut ⁴ , <i>Auckland University of Technology, Auckland, New Zealand; University of Rome Tor Vergata, Rome, Italy; Northumbria University, Newcastle, United Kingdom; Asian Institute of Technology, Bangkok, Thailand</i>
Unravelling the Natural Hazard Risk-based Policy Development Knot	Miles Crawford ¹ , David Johnston ¹ , Wendy Saunders ² , Emma Hudson-Doyle ¹ , Graham Leonard ² , <i>Joint Centre for Disaster Research, Wellington, New Zealand; GNS Science, Lower Hutt, New Zealand</i>
Wellington Cordon Project	Shakti Srestha ¹ , <i>University of Otago, Dunedin, New Zealand</i>
Who Pays for a Managed Retreat? Lessons from the Christchurch Residential Red Zone	Ilan Noy ¹ , Cuong Nguyen ¹ , <i>Victoria University of Wellington, Wellington, New Zealand</i>

The enablers and barriers of inter-organisational collaboration in disaster management.	Khiam Lee, Universtiy of Christchurch
Disaster e-Health (DEH) and the Role of RFID for Healthcare Purposes	Sam Mandanian, Auckland University of Technology
Cross-Domain Data Fusion and Analytics of Social Media in Disaster Management	Hewa Algiriyage Rangika Nilani, Massey University
Cross-Agency Communication and Information Exchange in Disaster Healthcare.	Reem Abbas, Auckland University of Technology
Creating resilience in health care organisations: realigning a work as imagined and work as done.	Lev Zhuravsky, University of Otago