

## ISCRAM Asia Pacific 2018 Conference – Poster Presentations

Poster Title	Authors and Affiliations
A Real-Time Disaster-Related Information Sharing System	Osamu Uchida <sup>1</sup> , Masafumi Kosugi <sup>2</sup> , Keisuke Utsu <sup>3</sup> , Sachi Tajima <sup>1</sup> , Makoto Tomita <sup>1</sup> , Yoshitaka Kajita <sup>1</sup> , Yoshiro Yamamoto <sup>1</sup> , <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 <sup>1</sup> , Sally Potter <sup>2</sup> , Raj Prasanna <sup>1</sup> , Emma Hudson-Doyle <sup>1</sup> , David Johnston <sup>1</sup> , <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 <sup>1</sup> , Raj Prasanna <sup>1</sup> , S R Uma <sup>2</sup> , Kristin Stock <sup>3</sup> , Denise Blake <sup>4</sup> , <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 <sup>1</sup> , Thomas Wilson <sup>1</sup> , Caroline Orchiston <sup>2</sup> , Brendon Bradley <sup>1</sup> , <i>University of Canterbury, Christchurch, New Zealand; University of Otago, Dunedin, New Zealand</i>
Cascading Natural Disasters Modeling and Prediction	Feiyu E <sup>1</sup> , Lili Yang <sup>2</sup> , <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 <sup>1</sup> , David Johnston <sup>1</sup> , Julia Becker <sup>2</sup> , Emma Hudson-Doyle <sup>1</sup> , Abi Beatson <sup>1</sup> , <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 <sup>1</sup> , Gabriela Prelipcean <sup>2</sup> , <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 <sup>1</sup> , <i>Nagoya University, Nagoya, Japan</i>

Data Management System Development in the Pacific for Disaster Risk Reduction	S Lin <sup>1</sup> , Paula Holland <sup>2</sup> , Shaun Williams <sup>3</sup> , Juli Ungaro <sup>4</sup> , Sachindra Singh <sup>5</sup> , Olivier Dalang <sup>5</sup> , Ryan Paulik <sup>4</sup> , Johnie Nima <sup>6</sup> , Titimanu Simi <sup>7</sup> , Finn Scheele <sup>1</sup> , <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 <sup>1</sup> , Raj Prasanna <sup>1</sup> , Kristin Stock <sup>2</sup> , Emma Hudson-Doyle <sup>1</sup> , Graham Leonard <sup>3</sup> , David Johnston <sup>1</sup> , <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 <sup>1</sup> , <i>University Of Auckland, Auckland, New Zealand</i>
Flood Risk and Flood Insurance in New Zealand	Jacob Pastor <sup>1</sup> , Ilan Noy <sup>1</sup> , Isabelle Sin <sup>2</sup> , <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 <sup>1</sup> , Joanne Stevenson <sup>1</sup> , Omar Abou-Samra <sup>2</sup> , <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 <sup>1</sup> , Deborah Bunker <sup>1</sup> , Christian Ehnis <sup>1</sup> , Stefan Stieglitz <sup>2</sup> , Florian Brachten <sup>2</sup> , <i>University of Sydney, Sydney, Australia; Universität Duisburg-Essen, Duisburg, Germany</i>
Measuring the Impact of Insurance on Urban Recovery with Light	Cuong Nguyen <sup>1</sup> , Ilan Noy <sup>1</sup> , <i>Victoria University of Wellington, Wellington, New Zealand</i>
National-scale Infrastructure Network Exposure to Liquefaction Using Geospatial Models	Amelia Lin <sup>1</sup> , Liam Wotherspoon <sup>1</sup> , Daniel Blake <sup>2</sup> , Brendon Bradley <sup>2</sup> , Jason Motha <sup>2</sup> , <i>University Of Auckland, Auckland, New Zealand; University of Canterbury, Christchurch, New Zealand</i>
Organisational Resilience and Crisis Response	Justyna Tasic <sup>1</sup> , <i>Nanyang Technological University, Singapore</i>

Rural Broadband Usage Meets Rural Community Resilience: Is It Possible?	Ming Xiang <sup>1</sup> , William Liu <sup>2</sup> , Edmund M-K Lai <sup>2</sup> , Jairo Gutierrez <sup>2</sup> , Arjuna Sathiaseelan <sup>3</sup> , Jinsong Wu <sup>5</sup> , <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 <sup>1</sup> , Stephen Cranfield <sup>1</sup> , Grant Dick <sup>1</sup> , <i>University of Otago, Dunedin, New Zealand</i>
Severe Weather Forecasting & Disaster Risk Reduction Demonstration Project (SWFDDP)	James Lunny <sup>1</sup> , <i>Meteorological Service of New Zealand Ltd, Wellington, New Zealand</i>
Survival Clothing for Flood Affected People	Areef Shaik <sup>1</sup> , Vicki Karaminas <sup>1</sup> , Rodney Adank <sup>1</sup> , <i>The Massey University, Wellington, New Zealand</i>
The Power of Technology Integration for Disaster Management	Samaneh Madanian <sup>1</sup> , Dave Parry <sup>1</sup> , <i>AUT, Auckland, New Zealand</i>
Topics of Social Media Communication and Socio-Economic Recovery	Yuya Shibuya <sup>1</sup> , Hideyuki Tanaka <sup>1</sup> , <i>The University of Tokyo, Tokyo, Japan</i>
Towards a Resilient Crisis Governance: assessing the potential of the net-centric approach	Kees Boersma <sup>1</sup> , <i>Vrije Universiteit Amsterdam, Amsterdam, The Netherlands</i>
Unmanned Aerial Vehicle - Assisted Mobile Edge Network for Disaster eHealth Communications and Resource Allocation Services	Samaneh Madanian <sup>1</sup> , Li Diao <sup>1</sup> , William Liu <sup>1</sup> , Dave Parry <sup>1</sup> , Luca Chiaraviglio <sup>2</sup> , Yue Cao <sup>3</sup> , Kanchana Kanchanasut <sup>4</sup> , <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 <sup>1</sup> , David Johnston <sup>1</sup> , Wendy Saunders <sup>2</sup> , Emma Hudson-Doyle <sup>1</sup> , Graham Leonard <sup>2</sup> , <i>Joint Centre for Disaster Research, Wellington, New Zealand; GNS Science, Lower Hutt, New Zealand</i>
Wellington Cordon Project	Shakti Srestha <sup>1</sup> , <i>University of Otago, Dunedin, New Zealand</i>
Who Pays for a Managed Retreat? Lessons from the Christchurch Residential Red Zone	Ilan Noy <sup>1</sup> , Cuong Nguyen <sup>1</sup> , <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