

4th International Conference on Urban Disaster Reduction

Wellington, New Zealand

FINAL PROGRAMME

DAY 1 - Monday 17 October 2016				
Opening and Keynote	9.00am	Kimiro Meguro, Japan	Important lessons learnt from the 2011 Great East Japan earthquake tsunami disaster	
Keynote 2	9.30am	Tricia Wachtendorf, USA	American Dunkirk: The waterborne evacuation of Manhattan on 9/11	
Keynote3	10.00am	Dan Neely, New Zealand	Pre-event recovery planning in Wellington, New Zealand	
Morning Tea	10.30am			
		<u>Session 1A: Recovery Frameworks & Policy</u>		<u>Session 1B: Understanding Populations</u>
Parallel 1	11.00am	Mark White, USA	Legal incentives to improve the seismic capacity and resiliency of high-rises: California legal precedent	Sam Penta, USA Decisions beyond treatment: creating the operational context for crisis medical care
	11.15am	Robert Kipp, NZ	Enriching the poor cousin of emergency management - a proposal to bridge the gap between ambitious recovery policy and ambiguous recovery capacity	Shigeo Tatsuki, Japan Optimal life recovery assistance for those residing in designated temporary housing after the 2011 Great East Japan Earthquake disaster: A final project summary
	11.30am	Shirley Feldmann-Jensen + Steve Jensen, USA	Next generation core competencies for disaster risk management	Shaye Palagi, USA Invulnerable distances: investigating the role of post-disaster relocation for holistic risk reduction
	11.45am			Mori Yasushige, Japan Analysis and suggestion on narrative accounts of the earthquakes in disaster hit areas around Japan
	12.00pm	Questions & Answers		
Lightening talks	12.15pm	Namiko Minai (L)	Traditional land use and disaster in Japan	Diana De Alwis, NZ (L) Long term welfare effects of high intensity disaster: household welfare consequences of Indian Ocean tsunami in Sri Lanka
		Yasumichi Mifune, Japan (L)	Problems of the disaster prevention plan through the study on recovery plans of the Great East Japan earthquake	Anna Matsukawa, Japan (L) The characteristics of life recovery processes of designated temporary housing in wide dispersed areas
		Tauisi Taupo, NZ (L)	Disaster response and recovery in small island states	
Lunch	12.30pm			

		<u>Session 2A: Models</u>		<u>Session 2B: Research Practices</u>	
Parallel 2	1.30pm	Scott Miles for Liesel Ritchie, USA	Data practices among key stakeholders following the 2010-2011 Canterbury earthquakes	Julia Becker, NZ	Earthquake crisis and risk communication: gaps between theory and practice
	1.45pm	Charlotte Brown, NZ	Designing a full-cost disaster risk decision-making framework for New Zealand	Anne Wein, USA	Constructing better communication for operational earthquake forecasting (OEF) for the USGS and GNS Science
	2.00pm	Shingo Suzuki, Japan	Development of earthquake disaster simulation system combining distributed Web GIS services for better understanding of disaster scenarios	Maki Koyama, Japan	A case study of hospital personnel attendance estimation in case of a large-scale earthquake disaster using GIS
	2.15pm	Sanghoo Yoon, S Korea	Development of a flash flood potential index using hydrologic components		
	2.30pm	Questions & Answers			
Lightening talks	2.45pm	Insang Yu, S Korea (L)	Development of a probability wind speed map based on frequency analysis	Keiko Tamura, Japan (L)	Establishing the concept of the tutorial for disaster response
		Scott Miles, USA (L)	Modelling post-disaster housing recovery integrating performance based engineering and urban simulation	Noriko Imura (L)	Developing an educational leaflet on disaster mitigation for university students commuting to the campus in Tokyo after the Great East Japan earthquake
				Yawen Chen, Japan (L)	How to motivate continuous community-based disaster prevention activity of elementary school students' parents in Japan
				Saki Yotsui, Japan (L)	Comparing human behaviour in Japan and the UK during natural disasters
<i>Afternoon Tea</i>	3.00pm				
		<u>Session 3A: Community-based Approaches</u>		<u>Session 3B: Other Categories</u>	
Parallel 3	3.30pm	Lauren Clay, USA	Mapping Community Social Capital: An exploratory study of community organizations following the 2010 Gulf Coast oil spill	Alison Maccoll & Sonia Fitchett, NZ	Cash Transfers: Response... Recovery... Resilience
	3.45pm	Gloria Yi-Chung Liu, Taiwan	Resilience of marginal and remote communities: lessons learned from Typhoon Morakot recovery	Akira Ide, Japan	Dark tourism differences between Japan and the West in natural disaster types
	4.00pm	Kazuya Sugiyasu, Japan	Tsunami evacuation planning	Hitomi Murakami, Japan	Preliminary survey on human casualty distribution and sheltering conditions in the 2016 Kumamoto earthquake sequence, Japan
	4.15pm	Keishin Inaba, Japan	Regional disaster prevention with religious facilities as resources	Mingji Cui, Japan	Analysis on tourists' behaviour in historic city after disaster
	4.30pm	Questions & Answers			
Lightening talks	4.45pm	Taro Ichiko, Japan (L)	Methods and roles of planning professionals for community-based recovery planning in a case of Kesenuma, Japan	Kenji Koshiyama, Japan (L)	Housing recovery process of the great disaster in Japan: After 5 years Tohoku region
		Lauren Clay, USA (L)	Urban household preparedness: observations on disaster outcomes & mental health status in households impacted by Superstorm Sandy in NYC	Haseog Kim, S Korea (L)	Noise reduction performance of the resilient material using acrylic polymer emulsion resin in apartment house

DAY 2 - Tuesday 18 October 2016				
Keynote 4	8.30am	To be confirmed		
		Session 4A: Models		Session 4B: Understanding Populations
Parallel 4	9.00am	Marc Sinan Azotea, South Korea	Development of Flood Vulnerability Index in the Philippines under a Local Scale	Michitaka Umemoto, Japan A study on comparing Japanese citizens' risk perception of liquefaction with those of other kinds of hazards
	9.15am	Megan Boston, USA	Improving post hospital functionality following a disaster using resilience rating systems	Anthony Gampell, NZ Disaster video game research
	9.30am	Go Urakawa, Japan	Building platform based cloud GIS for sharing disaster information by media mix strategy	
	9.45am			Nnenia Campbell, USA "It's out town too": older adults' contributions to community recovery and resilience
	10.00am	Questions & Answers		
Lightening talks	10.15am	Dong Sop Rhee, South Korea (L)	Inundation process in an urban district with variable rainfall intensity based on rainfall simulation and hydraulic model experiments	Rio Yonson, New Zealand (L) Floods and Diseases in the Floodplains of Cagayan de Oro City, Philippines
		Sangki Park, S Korea (L)	Development of analytical impact force model for floor-noise problems in buildings	Osamu Murao, Japan (L) A report on difficulty in daily life after the 2011 Great East Japan earthquake
Morning Tea	10.30am			
		Session 5A: Community-based Approaches		Session 5B: Recovery Framework & Policy
Parallel 5	11.00am	Kazuhiko Mori, Japan	Social implementation of community disaster management system for improvement of daily life behaviours	John Hopkins, NZ Deciding in haste? Legislative responses to disaster recovery
	11.15am	Michael Donoghue & Jana Sladka, NZ	Lessons learnt from the community outreach in the post-earthquake environment	Norio Maki, Japan Democracy in tsunami risk setting: the trials at Ina community, Wakayama Japan for pre-disaster recovery planning
	11.30am	Tamiyo Kondo, Japan	Post-disaster recovery strategy for neighbourhood built environment regeneration after mega disaster	Sangman Jeong, South Korea Development of an integrated management system for the mud and debris flow estimation and assessment with consideration of urban characteristics
	11.45am	Yusuke Toyoda, Japan	A study on disaster sport festival for passive participants in urban areas	Philippa Mabin & Matthew Pratt, NZ Recovery matters: reflections on psychosocial education in a post-disaster environment
	12.00pm	Questions & Answers		
Lightening talks	12.15pm			Takeshi Miyazaki, Japan (L) Estimating local fiscal revenues and needs for the Nankai Toraf earthquake
				Marcy Monroe (USA) (L) Beyond design: the architect as mediator in post-disaster recovery
Lunch	12.30pm			

		Session 6A: Research Practices	Session 6B: Other Categories
Parallel 6	1.30pm	James Kendra, USA Reflections on the continued importance of disaster research	Hiromi Sato, Japan Study on the structural performance for conservation of traditional timber townhouses in Japan based on the 2016 Kumamoto earthquake
	1.45pm	Munenari Inoguchi, Japan Issues to implement victims master database system into multiple affected cities and towns in parallel	Jamie Vickery, USA Barriers to disaster resilience: understanding the constraints of social service community-based organisations
	2.00pm	Shingo Nagamatsu, Japan Targeting the vulnerable people in social safety net in disasters: lessons of CFW program in 2011 in Japan	Yoko Furukawa, Japan An attitudinal survey of local residents' evacuation in Bunkyo Ward of Tokyo and facility use assumptions of each shelter during start-up periods following the Tokyo inland earthquake
	2.15pm	Wendy Saunders, NZ Using quantified risk assessment results in land use plans: a case study of post-earthquake planning for land instability in the Port Hills, Christchurch	Kyoko Hirata, Japan Evacuee number estimation in Bunkyo Ward of Tokyo and acceptance preparedness of shelters in the Tokyo inland earthquake
	2.30pm	Questions & Answers	
Lightening talks	2.45pm	Miwako Kitamura, Japan (L) Preservation of community based material related to the Great East Japan Earthquake disasters	Ho-Je Seong, South Korea (L) Effect of water level control according to location and height of the wide-weir when operating the retention basin with the run-of-the-river type gate
		Harry Shi, NZ (L) Hazards and disasters at the urban margin: homelessness, vulnerability and capacities in New Zealand cities	Graciela Rivera-Muñoz (L) Community resilience and housing recovery: a case study of the Canterbury earthquakes
		Steve Ronoh, NZ (L) Integrating children with disabilities in disaster risk reduction	Seongin Moon, Japan (L) Study on road risks associated with emergency supplies transport
		Kathryn Longstaff, NZ (L) The importance of rapid data collection, analysis, and dissemination of information following natural hazard events	Ryuichi Sekita, Japan (L) Data analysis and investigation of the precautionary information for taking refuge from disasters
<i>Afternoon Tea</i>	3.00pm		
	3.30pm	Country Reports and Summary	
	4.30pm	Closing Comments	