

DAY 1 Wednesday 07 September 2016				
07:30	Registration opens OGGB Level 0, 071 Foyer			
08:30	Powhiri Waipapa Marae, Wynyard Street			
09:15	Welcome OGGB 4 Welcome from Conference Chair Niluka Domingo, Massey University & Suzanne Wilkinson, The University of Auckland Conference Series Address Professor Dilanthi Aramatunga, Global Disaster Resilience Centre, University of Huddersfield, UK			
09:25	Opening Address OGGB 4 Doug Johnson, Managing Director of Tonkin + Taylor			
09:30	Plenary Keynote OGGB 4 Professor Virginia Murray, Consultant in Global Disaster Risk Reduction, Public Health England			
10:30	Morning Tea 071 Foyer Student Helper Meeting OGGB 5			
Session 1				
11:00 - 12:30	Stream A OGGB 3 Chair: Linda Kestle, Unitec Resilient Communities / Cities	Stream B OGGB 4 Chair: Bapon Fakhruddin, Tonkin + Taylor Resilient Governance and Leadership	Stream C OGGB 5 Chair: Temitope Egbelakin, Massey University Resilient Recovery and Build Back Better	Stream D Case Room 3 Chair: Robyn Phipps, Massey University Resilience, Risks and Sustainability
11:00	98. Enhancing networks for resilience – understanding formal and informal networks in a rural setting. <u>Jo Brown</u> , Southern Grampians Glenelg Primary Care Partnership. Halley McCann, Hartmut Fuenfgeld, Rowena Wylie	92. Comparing and evaluating Hong Kong's adaptation and resilience policies. Frank Xu, <u>S. Thomas Ng</u> , The University of Hong Kong.	56. Rebuilding Nepal: traditional and modern approaches, building or diminishing resilience? <u>Catherine Forbes</u> , GML Heritage.	181. Disaster risk and resilience in informal settlements: the case of guinea-bissau. <u>A.Nuno Martins</u> , University Of Lisbon. Francesca Falchieri
11:15	187. A low cost resilient city: jakarta. <u>Ridho Prawiro</u> , Melbourne University	170. The role of accountability within disaster risk governance. <u>Richard Haigh</u> , University of Huddersfield. Dilanthi Amaratunga, Siri Hettige	112. Introducing the Christchurch build back smarter initiative. <u>Duncan Joiner</u> , Ministry Of Business, Innovation And Employment.	97. Analysing drought resilience through the CCF; South Africa. <u>Andries Jordaan</u> , University of the Free State. Dusan Sakulski, Curtis Mashimbye, Fummie Muyambo
11:30	65. Resilient communities: implications for professionals. <u>Hanneke Duijnhoven</u> , TNO. Martijn Neef, Scott Davis, Cecilie Dinesen, Jose Kerstholt	152. Managing Jakarta's flood risk after hyogo: policy & plan analyses. <u>Tri Mulyani Sunarharum</u> , Mellini Sloan, Connie Susilawati, Queensland University Of Technology.	168. Building back better in Haiyan-affected areas in Leyte Island, Philippines. <u>Diocel Harold Aquino</u> , The University of Auckland. Julius Brian Cruzat, Fernando J. Germar, Suzanne Wilkinson.	178. Building resilience to natural hazards: strategic decision making for risk ownership. <u>Celeste Young</u> , Jones.R.N, Victoria University.
11:45	193. Fishermen community and government integration in strengthening the resilient city – Surabaya. <u>Happy Ratna Santosa</u> , Department of Architecture, Institut Teknologi Sepuluh Nopember (ITS) Adinda Sih P. R. Utami, Tanti Satriana R. Nasution	54. Grassroots leadership to build resilience in small island developing states. <u>Astrid Vachette</u> , James Cook University.	161. Disaster recovery and the resilience narrative: where is vulnerability? <u>Emmanuel Raju</u> , University of Copenhagen	51. Disaster risk management decision-making: a review. Nicola Smith, Resilient Organisations. Wendy Saunders, Charlotte Brown
12:00	190. Setting the priority of risks and impacts to community based. Citra Satria Ongkowijoyo, Hemanta Doloi, University of Melbourne	42. Shared leadership and resilience engineering a tale of two teams. <u>Lev Zhuravsky</u> , Waitemata DHB	57. Building Christchurch's water infrastructure back better. <u>Mark Bassett</u> , KPMG. Suzanne Wilkinson, Sandeeka Mannakkara.	146. Mapping vulnerability for Kelud Volcano, Indonesia- approach towards disaster resilience. <u>Dyah Hizbaron</u> , Danang Sri Hadmoko, Universitas Gadjah Mada
12:15	184. Wellington core shelters: an analysis of need. <u>Ralph Peter Titmuss</u> , Victoria University of Wellington	116. Review of legislative changes in disasters: New Zealand case study. <u>James Rotimi</u> , Funmilayo Egun Rotimi, Shehu Ahmed Bustani, Auckland University Of Technology	120. Integrating adaptation strategies into post-disaster recovery: Lessons from Asia-Pacific countries. <u>Andreas Neef</u> , University of Auckland. Lucy Bengé, Kellie McNeill, Sivendra Michael, Jeffrey Sabour, Alejandro Acosta Carrizosa	203. Private sector competency needs for built environment resilience. <u>Emlyn Witt</u> , Tallinn University of Technology. Irene Lill, and Shayani Weeresinghe
12:30	Lunch 071 Foyer Sponsored by Resilient Organisations			
				
Session 2				
13:30 - 14:30	Stream A OGGB 3 Chair: Regan Potangaroa, Victoria University of Wellington Resilience, Recovery and the Built Environment	Stream B OGGB 4 Chair: Robyn Phipps, Massey University Resilient Systems	Stream C OGGB 5 Chair: James Rotimi, Auckland University of Technology Resilient Communities	Stream D Case Room 3 Chair: Niluka Domingo, Massey University Resilience, Risks and Sustainability
13:30	75. Disaster impacts on the built environment: a systems perspective. <u>Emlyn Witt</u> , Irene Lill, Abdulquadi Bilau, Alina Vorobiova Tallinn University of Technology	177. Communicating dangerous knowledge, key points for engaging with communities. <u>Celeste Young</u> , Victoria University	35. Health risk analysis of internationally deploying first responders following a natural disaster. Niru Nirupama, <u>Katie Subbotina</u> , York University	60. Land use planning for risk, resilience and sustainability. <u>Wendy Saunders</u> , J.S. Becker, GNS Science
13:45	134. Building resilience in a post-disaster situation: Lessons from Cyclone Ian in Tonga. <u>Monica A. C. Moldovan</u> , <u>World Bank Group</u> . Christopher R. Bennett	144. LiDAR-based flood mapping for agricultural resilience and food security. <u>Luigi Toda</u> , Australian National University. John Colin Yokingco, Enrico Paringit, Rodel Lasco	102. Text mining for disaster resilience Dprof programme. <u>Arturas Kaklauskas</u> , Vilnius Gediminas Technical University. Emlyn Witt, Irene Lill, A. Kuzminske. I. Ubarte.	189. Systematic identification of barriers to ppp success in developing countries: application of sleep framework. <u>K.K. Weththasinghe</u> , University of Moratuwa. T. Gajendram, Graham Brewer
14:00	46. Integrating disaster risk reduction and climate change adaptation into the built environment. <u>Ksenia Chmutina</u> , Loughborough University Rohit Jigyasu, Lee Boshier	14. Quantifying wastewater system functionality to enhance resilience and recovery planning. Conrad Zorn, University of Auckland	18. Measuring the success of emergency management projects. <u>Deb Parkin</u> , RMIT University	212. Critical review of earthquake planning in New Zealand's local council. <u>Bridgette Sullivan-Taylor</u> , Sarah Livschitz, The University of Auckland

14:15	34. Connections between the resilience of the built environment and community. <u>Kevin Heaslip</u> , Virginia Tech, USA	61. Application of science and technology in the Sendai framework. <u>Bapon Fakhruddin</u> , Tonkin and Taylor, Integrated Research on Disaster Risk (IRDR)	150. Urbanization and disaster risk: towards resilient urban communities in Auckland. <u>Osamu Odiase</u> , The University Of Auckland. <u>Suzanne Wilkinson</u> , <u>Andreas Neef</u>	199. Residential earthquake insurance management in post-disaster recovery. <u>Temitope Egbelakin</u> , Massey University. <u>Mills Kirsten</u>
14:30	Afternoon Tea 071 Foyer			
15:00	Plenary International Speaker OGGB 4 Session Chair: <u>Bapon Fakhruddin</u> , Tonkin + Taylor 214. Making community resilience strategy for natural hazards based on climate change scenario Associate Professor <u>Juchul Jung</u> , Pusan National University, South Korea			
Session 3				
15:30 - 17:00	Stream A OGGB 3 Chair: <u>Iftexhar Ahmed</u> , University of Newcastle Researching Resilience	Stream B OGGB 4 Chair: <u>David Middleton</u> , Auckland Council Resilient Buildings and Infrastructure	Stream C OGGB 5 Chair: <u>Garry Miller</u> , The University of Auckland Resilient Organisations	Closed Session Case Room 3 Chair: <u>Dilanthi Amaratunga</u> , University of Huddersfield UN Workshop
15:30	52. Disaster resilience: is it the same for everybody? <u>Christo Coetzee</u> , African Centre for Disaster Studies. <u>Dewald Van Niekerk</u> , Emmanuel Raju	10. How do we measure Critical Infrastructure Resilience? <u>Laura Melkunaite</u> , Fanny Guay Danish Institute of Fire and Security Technology.	58. Modelling business behaviours following the 2010-2011 Canterbury earthquakes. <u>Charlotte Brown</u> , Resilient Organisations. <u>Erica Seville</u> , <u>Tracy Hatton</u> , <u>Joanne Stevenson</u> , <u>Sonia Giovinazzi</u> , <u>Nicky Smith</u> , <u>John Vargo</u>	<p style="text-align: center;">UN Workshop:</p> <p style="text-align: center;">Development of Sendai Framework “Words into Action” Implementation Guide for Construction Policy and Practice</p> <p style="text-align: center;">(Closed Session)</p>
15:45	67. Frameworks for understand the long-term economic consequences of disasters. <u>Ilan Noy</u> , Victoria University. <u>William duPont IV</u>	104. Quantification of seismic exposure and vulnerability of historic buildings in metro manila. <u>Noriza Tibbon</u> , <u>Raniel M. Suiza</u> , University Of The Philippines Diliman	82. Measuring organisational resilience: ebb and flow of onshore gas investments. <u>Martie-Louise Verreynne</u> , <u>Jerad A Ford</u> , <u>John Steen</u> , University of Queensland Business School.	
16:00	16. What gets measured gets done: resilience benchmarking and monitoring. <u>Joanne Stevenson</u> , <u>John Vargo</u> , Resilient Organisations Ltd. <u>Suzanne Wilkinson</u> , <u>Vivienne Ivory</u> , <u>Chris Bowie</u>	59. Multi-hazard coastal risk assessment for building resilience- a case study. <u>Richard Reinen-Hamill</u> , <u>Bapon Fakhruddin</u> , Tonkin and Taylor. <u>Michael Adye</u>	95. Resilient productivity-performance constraints in New Zealand road maintenance and rehabilitation operations. <u>Jasper Mbachu</u> , <u>Saeed Haji Karimian</u> , <u>Temitope Egbelakin</u> , Massey University	
16:15	137. A procedure for selecting water supply system resilience indicators. <u>Behrooz Balaei</u> , The University Of Auckland. <u>Suzanne Wilkinson</u> , <u>Regan Potangaroa</u>	47. Measuring social, environmental and economic impacts of road structure failure. <u>Akvan Gajanayake</u> , <u>Sujeeva Setunga</u> , <u>Kevin Zhang</u> and <u>Hessam Mohseni</u> , RMIT University	22. Business recovery from disaster: the role of insurance. <u>Erica Seville</u> , Resilient Organisations. <u>Ilan Noy</u> , Victoria University. <u>Charlotte Brown</u> , <u>John Vargo</u> , <u>Porntida (Polly) Poontrakul</u>	
16:30	107. Do green building rating tools address sustainability? A paradigm shift. <u>Sylvester Shaun David Seno</u> , Adamson University / De La Salle-College of Saint Benilde Philippines	128. Critical factors that determine the resilience of transport infrastructure. <u>Mohammad Mojtahedi</u> , University Of New South Wales	78. Countermeasures to improve hospital business continuity in a disaster. <u>Masaaki Kaneko</u> , Tokai University <u>Keisuke TAKAGI</u> , <u>Kent OGAWA</u> , <u>Chisato KAJIHARA</u> , <u>Masataka SANO</u> , <u>Masahiko Munechika</u>	
16:45 - 17:00	151. Canterbury quake 2011: Structural design lessons and PAUP 2013. <u>Andrew Munya</u> , The University Of Auckland	194. Enhancing resilience of critical road structures under natural hazards. <u>Sujeeva Sujeeva</u> , Rmit University. <u>Weena Lokuge</u> , <u>Hessam Mohseni</u> , <u>Dilanthi Amaratunga</u>	33. Improving the resilience of small and medium enterprises (SME’s). <u>Tracy Hatton</u> , <u>Charlotte Brown</u> , Resilient Organisations. <u>Omar Abou-Samra</u> , <u>Sawyer Baker</u> , <u>Erica Seville</u> , <u>John Vargo</u>	
17:30 - 19:30	Welcome Reception 101 Foyer Entertainment, mix and mingle			

DAY 2 Thursday 08 September 2016				
08:00	Registration Opens 071 Foyer Arrival tea and coffee			
09:00	Keynote Plenary OGGB 4 Session Chair: Sandeeka Mannakkara, The University of Auckland Jessica Freame, Project Director, Ten Year Mental Health Plan Implementation, Department of Health and Human Services			
10:00	Morning tea 071 Foyer			
	Session 4			
10:30 - 12:00	Stream A OGGB 3 Chair: Iftekhah Ahmed, University of Newcastle Educating for Resilience	Stream B OGGB 4 Chair: Seosamh Costello, The University of Auckland Culture and diversity	Stream C OGGB 5 Chair: James Rotimi, Auckland University of Technology Srinath Perera, Northumbria University ANDROID PHD Workshop	Stream D / Case Room 3 Chair: Bapon Fakhruddin, Tonkin + Taylor Resilient Recovery and Build Back Better
10:30	208. Rethinking schools as community hubs in disaster preparedness, response and recovery. <u>Carol Mutch</u> , The University Of Auckland	53. Developing a culture of preparedness: embracing vulnerability to build resilience. <u>Astrid Vachette</u> , James Cook University	72. Assessing information displays for strategic approaches to community resilience. <u>Thomas Huggins</u> , Joint Centre for Disaster Research. <u>Stephen R Hill</u> , <u>Robin M Peace</u> , <u>David M Johnston</u>	179. Post-disaster construction waste management strategies: case study Christchurch earthquake. <u>Niluka Domingo</u> , <u>Hao Ju Luo</u> , Massey University
10:45	158. Training and education for resilience to geological disasters: best practices form Indonesia. <u>Teuku Mukhlis</u> , Provincial Department For Mining And Energy Of Aceh Province. <u>Raden Yudi Pratama</u> , <u>Sulamith Kastl</u> , <u>Johannes Anhorn</u>	89. Culture and resilience: lessons from New Orleans and Japan. <u>Lisa Richardson</u> , <u>Denese O. Shervington</u> , Institute of Women & Ethnic Studies	125. Community perceptions of flood resilience as represented in cognitive maps. <u>Imon Chowdhoree</u> , Queensland University Of Technology	113. Campervans, temporary villages and stuff. <u>Duncan Joiner</u> , Ministry Of Business, Innovation And Employment
11:00	84. Education to ensure continuous healthcare services during a disaster. <u>Chisato Kajihara</u> , Waseda University. <u>Shoko YAMAZAKI</u> , Masataka SANO, <u>Masaaki KANEKO</u> , <u>Haizhe JIN</u> , <u>Masahiko Munechika</u>	198. Disaster ethics and the management of vulnerabilities: an Asian perspective. <u>Ravichandran Moorthy</u> , University Kebangsaan Malaysia	138. The architectural gaps in post-disaster reconstruction. <u>Jessica Hulme</u> , Victoria University Of Wellington	93. Building back better in Gaza. <u>Sandeeka Mannakkara</u> , University of Auckland. <u>Regan Potangaroa</u> , <u>Ahmad Safi</u> , <u>Rami AbuShaaban</u>
11:15	103. Intelligent MOOC for the disaster resilience Dprof programme. <u>Arturas Kaklauskas</u> , Vilnius Gediminas Technical University. <u>D. Amaratunga</u> , <u>R. Haigh</u> , <u>I. Ubarte</u> , <u>A. Kuzminske</u>	157. The resilience of place and social capital of Rapaki. <u>Regan Potangaroa</u> , <u>Maire Kipa</u> , Victoria University Karen Mills,	166. Impact of increasing design wind speeds on residential construction costs. <u>Diocel Harold Aquino</u> , The University of Auckland.	197. Spatio-temporal variation in Christchurch's earthquake recovery: interactions between built, economic and social environments. <u>Vivienne Ivory</u> , Opus International Consultants Ltd. <u>Chris Bowie</u> , <u>Suzanne Wilkinson</u> , <u>Yan (Alice) Chang-Richards</u>
11:30	121. Mapping built environment professional skills and needs to sendai framework. <u>Srinath Perera</u> , Western Sydney University. <u>Kanchana Ginige</u> , <u>Onaopepo Adeniyi</u> , <u>Solomon Olusola Babatunde</u>	118. The relationship between resilience and sustainability in the built environment. <u>Emilio Garcia</u> , The University of Auckland , <u>Brenda Vale</u> , Victoria University of Wellington	15. towards earthquake-resilient buildings: exposure/damage database for the 2013 Bohol Philippines earthquake. <u>Muriel Naguit</u> , Australian National University. <u>Phil Cummins</u> , <u>Mark Edwards</u> , <u>Hyeuk Ryu</u> , <u>Matthew Jakab</u> .	105. Calm over calamity: the effect of knowledge networks on resilience. <u>Nadeera Ahangama</u> , National School of Business Management. <u>Raj Prasanna</u>
11:45	23. Disaster risk reduction as a professional competency. A review of related training and education provision for built environment practitioners in the UK and Australia <u>Ksenia Chmutina</u> , Loughborough University <u>Lee Boshier</u> , <u>Jason Von Meding</u>	36. Engineering design parameters for transitional shelter structures in The Philippines. <u>Diocel Harold Aquino</u> , The University of Auckland. <u>Demi Mae Daluyong</u> , <u>Fernando J. Germar</u> , <u>Lalaine A. Malaluan</u> , <u>Charlene T. Bartolome</u>	201. Reverse logistic in supply chain management. <u>Yashar Asari</u> , Itally	62. Communicating uncertainty for flood losses and damage assessment. <u>Bapon Fakhruddin</u> , Tonkin and Taylor
12:00	Lunch 071 Foyer			
13:00	Plenary Session OGGB 4 Session Chair: David Middleton, Auckland Council <u>Stephen Town</u> , Chief Executive, Auckland Council Q&A Session			

Session 5					
13:30 - 15:00	Stream A OGGB 3 Chair: David Middleton, Auckland Council	Stream B 273-107 Chair: Suzanne Wilkinson, The University of Auckland	Stream C OGGB 5 Chairs: James Rotimi, Auckland University of Technology Srinath Perera, Northumbria University Naseem Ameer Ali, Massey University	Stream D Case Room 3 Chair: JC Gaillard, The University of Auckland	Stream C Case Room 2 Chair: Theuns Henning, The University of Auckland
	Resilient Cities	Sponsored by BRANZ NSC: Building better homes, towns, cities.	ANDROID PHD Workshop	Resilience in theory and practice: A social science perspective	Pacific Workshop
13:30	206. Building resilient Queensland communities. Jo Beadle, Queensland Reconstruction Authority	<p><i>This session is held in a seminar room next to the Fale Pasifika which is only a short walk from 071 foyer. Please ask at reception for directions if required.</i></p> <p>BRANZ NSC: Building better homes, towns, cities</p> <p>Highlighted speaker: Prof. Makarand (Mark) Hastak, Ph.D., P.E., CCP</p>	111. Analysing the consequences of post conflict reconstruction. Maheshika Sakalasuriya, Richard Haigh, and Dilanthi Amaratunga	<p>Interactive panel with short talks:</p> <p>Resilience in theory and practice: A social science perspective</p> <p>Risk in culture: perceptions of risk and coping in the Philippines. Soledad Natalia M. Dalisay University of the Philippines Diliman</p> <p>Remittances in the face of disaster: Samoa and New Zealand as case study. Loic Le De , Auckland University of Technology. J.C. Gaillard, W. Friesen, F. Matautia Smith, M. Pupualii, C. Brown, A. Aupito, The University of Auckland</p> <p>Cinema of catastrophe: post-Haiyan disaster narratives. Joseph Palis University of the Philippines Diliman</p> <p>Children with disabilities and disaster risk reduction: a case study of Christchurch. Steve Ronoh The University of Auckland, New Zealand</p>	<p>Climate Adaptation and Resilience Building in the Pacific Workshop</p> <p>Sponsored by MFAT</p>  <p>There will be tour to Framercad for those who are interested, please see workshop chair.</p>
13:45	209. Waves of adversity, layers of resilience, adaptation pathways in the Anthropocene. Bruce Glavovic, Massey University		83. A survey on economic vulnerability and resilience to natural hazards. Rio Yonson, Ilan Noy, Victoria University of Wellington		
14:00	27. Making cities resilient to disaster: "new" ten essentials. Dilanthi Amaratunga, University of Huddersfield. Abhilash Panda		87. Seismic Resilience of Indonesian vernacular architecture in a New Zealand context. Jared Hubbard, Regan Potangaroa, Victoria University of Wellington		
14:15	210. Building back better. Jo Beadle, Queensland Reconstruction Authority		115. The use of public open spaces to enhance the coastal urban cities' resilience to tsunamis. Jayakody Chaturangane, D Amarathunga, and R Haigh , University Of Huddersfield		
14:30	100. Post-Disaster Reconstruction in Christchurch: A 'Build Back Better' Perspective. TinuRose Francis, S. Wilkinson, Y. Chang-Richards, S. Mannakkara, The University of Auckland		79. Evaluate homes in public houses using quality of life tool, talk to the building and space syntax. Nadrah Ibrahim, Regan Potangaroa, Victoria University of Wellington		
14:45	19. Psychometric evaluation of disaster impact. Jared Noynaert, Regan Potangaroa, University of Auckland	73. 'The effects of the construction industry on Samoa's architectural resilience. Emily Cayford, Victoria University of Wellington			
15:00	Afternoon tea 071 Foyer		195. Impacts of waterlogging and adaptation measures in Khulna, Bangladesh. Md Shariful Alam, Asian Institute of Technology. Nophea Sasaki, Avishek Datta, Syed Mahbubur Rahman, MD Abdul Mozid	Afternoon tea 071 Foyer	
15:15	PHD Workshop breaks for afternoon tea 071 Foyer				
Session 6					
15:30 - 17:30	Stream A OGGB 3 Chair: Linda Kestle, Unitec	Stream B OGGB 5 Chair: James Rotimi, Auckland University of Technology Srinath Perera, Northumbria University Sandeeka Mannakkara, The University of Auckland	Stream C Case Room 3 Chair: JC Gaillard, The University of Auckland	Stream D Case Room 2 Chair: Chamindi Malalgoda, University of Huddersfield	
	Resilience Measurements	ANDROID PHD Workshop	Resilience in theory and practice: A social science perspective	CADRE Workshop	
15:30	3. Measuring resilience – "why" is as important as "how". M John Plodinec, Community and Regional Resilience Institute	39. Acceptable flood risk in land use planning in Ipswich, Queensland. Jamie MacKee, L. Altarawneh, T. Gajendran University of Newcastle.	Interactive panel with short talks: Resilience in theory and practice: A social science perspective	<p>CADRE WORKSHOP: Mainstreaming Disaster Resilience within the Construction Process</p> <p>Workshop Brief</p> <p>15:30-17:00</p>	
15:45	9. Implementation of transport resilience assessment framework. Masoud Sajoudi, Suzanne Wilkinson, Seosamh B. Costello, The University of Auckland.	50. Challenges facing the relocated communities following the Indian Ocean tsunami. Dantje Sina, The University of Auckland. Suzanne Wilkinson, Yan Chang-Richards, Regan Potangaroa.	Building disaster resilience on the edge of chaos: a systems critique on mechanistic global disaster reduction policies, frameworks and models. Dewald van Niekerk, Christo Coetzee and Leandri Kruger North-West University, South Africa		
16:00	6. Measuring community resilience for community action: what works, what doesn't. M John Plodinec, Community and Regional Resilience Institute	55. Governing CCA&DRR integration: strategies, policies and plans in the Hunter. Giuseppe forino, University of Newcastle. Jason von Meding, Graham J. Brewer	Risk management and behavioural change: Participation, engagement, power, and science. Brian R. Cook		

16:15	213. Improving productivity and viability of sme contractors: resilience-enhancing framework. <u>Jasper Mbachu</u> , Eziaku Onyeizu-Rasheed, Wajiha Mohsin Shahzad, Massey University	141. Place attachment and value awareness as means of building resilience within a community. <u>Suchita Jain</u> , Victoria University Of Wellington	The University of Melbourne, Australia Bayanihan : Volunteerism and Collective Actions for Community Resilience in the Philippine. Emmanuel Luna University of the Philippines Diliman	
16:30	205. The untapped potential of information flows for long-term urban resilience policy. <u>Adriana X Sanchez</u> , University of New South Wales	136. How resilient are poor households to disasters? <u>Tausi Taupo</u> , Victoria University of Wellington	Stop disasters 2.0: Video games as tools for building resilience. Anthony Viennaminovich Gampell The University of Auckland, New Zealand	
16:45	211. History and application of emergency lighting. <u>Susan Mander</u> , Massey University.	101. Twenty years of resilience research: From models to measurement. <u>Alan Kwok</u> , Massey University. Julia Becker, Douglas Paton, David Johnston, John McClure		
17:00	74. Urban resilience through spatial syntax. <u>Anthony Mak</u> , <u>Regan Potangaroa</u> , Victoria University of Wellington	28. The impact of the environment of post-earthquakes Christchurch on creative idea enactment: enablers and obstacles. <u>Trudi Cameron-Agnew</u> , Lincoln University. Kevin Moore, Emma J. Stewart & Roy Montgomery		
17:15 17:30	Free Time	49. Influence of risk communication on preparation intentions to flood hazards. <u>Matthew Abunyewah</u> , University of Newcastle		
19:00-21:30	Conference Dinner & entertainment The Fale, Wynyard Street Conference paper awards 2017 Conference Announcement			

DAY3		Friday 09 September 2016 Sponsored by Auckland Council			
09:00	Registration Opens 071 Foyer Arrival tea and coffee				
10:00	Keynote Plenary OGGB 4 Welcome: Professor Nic Smith, Dean, Faculty of Engineering, University of Auckland Session Chair: Regan Potangaroa, Victoria University of Wellington Mayor of Christchurch, Hon. Lianne Dalziel				
11:00	Morning tea 071 Foyer				
11:30	Keynote Panel Q&A OGGB 4 Session: David Middleton, Auckland Council Mayor of Christchurch, Hon. Lianne Dalziel, Jessica Freame, Project Director, Ten Year Mental Health Plan Implementation, Department of Health and Human Services Professor Virginia Murray, Consultant in Global Disaster Risk Reduction, Public Health England John Dragicevich, Director of Civil Defence and Emergency Management, Auckland Council 'Liveable Cities Series – Resilient Auckland'				
13:00	Lunch 071 Foyer				
Session 7					
14:00 - 16:00	Stream A OGGB 3 Chair: Jasper Mbachu, Massey University Resilient Cities		Stream B OGGB 4 Chair: Raj Prasanna, Massey University Resilient Communities		Closed Case Room 3 Chair: Suzanne Wilkinson, The University of Auckland <i>National Science Challenge Workshop</i>
14:00	70. Sustainability in the context of resilience and capacity building strategies. Makarand Hastak, Sayanti Mukhopadhyay, Purdue University		191. Safety and security in slum upgrading initiatives: the case of Lpupap, Bangladesh. Iftekhar Ahmed, University of Newcastle		National Science Challenge Workshop Closed workshop
14:15	142. Simulation of post-disaster recovery for building resilient Tokyo. Taro Kanno, Takeru Suzuki, Yuichi Yoshida, Kazuo Furuta, The University Of Tokyo		69. A systematic method of planning emergency exercises to enhance healthcare resilience. Masahiko Munechika, Waseda University Yusuke Wakabayashi, Chisato Kajihara, Masaaki Kaneko, Masataka Sano, Haizhe Jin		
14:30	171. Local governments and disaster risk reduction: a conceptual framework. Chamindi Malalgoda, Dilanthi Amaratunga, Richard Haigh, University of Huddersfield		25. Analysing community hazard in urban infrastructure system. Citra Satria Ongkowiyo, Hemanta K. Doloi, University of Melbourne		
14:45	139. Vulnerable and resilient? Immigrants and refugees in disasters. Shinya Uekusa, Steve Matthewman The University Of Auckland		204. Knowledge gaps in local authorities and communities in resilient constructions. Hemanthi Goonasekera, Federation Of Sri Lankan Local Govt. Authorities. Sachie Gunathilake		
15:00	216. Valuing Resilience in Infrastructure Monique Cornish, Tonkin + Taylor, Nathan Bittle, EY and Sandy Fong, NZTA Research Owner		88. Consequences of involuntary relocations that affect the process of recovery: a literature review. Pournima Sridarran, Kaushal Keraminiyage, and Dilanthi Amaratunga, University of Huddersfield		
15:15	196. Exogenous and endogenous drivers in climate change adaptation policy making in developing countries. Jonatan Lassa, Charles Darwin University. Erwin Nugraha, Akhilesh Surjan		66. Strengthening Community Resilience: A Toolkit. Hanneke Duijnhoven, TNO. Cecilie Dinesen, Jose Kerstholt, Scott Davis		
15:30	109. Community obligations in shared responsibility: policy pathways for resilience. Anna Lukasiewicz, Australian National University Michael Eburn, Stephen Dovers		108. A review: crisis informatics and mobile applications in building resilience. Marion Lara Tan, Raj Prasanna, Emma Hudson-Doyle, Kirstin Stock, Massey University Graham Leonard, David Johnston		
15:45	119. Resilience beyond disasters. Emilio Garcia, The University Of Auckland Brenda Vale, Victoria University of Wellington		174. Quantifying Effects of Winter Storms on Human Mobility Patterns. Yan Wang, John Taylor, Virginia Tech		
16:00 - 17:30	Afternoon tea + Open forum networking 071 Foyer Conference farewell John Dragicevich, Director of Civil Defence and Emergency Management, Auckland Council Conference end				