



**UNISDR Science and Technology Conference
on the implementation of the Sendai Framework for Disaster Risk Reduction**

27-29 January 2016, Geneva International Conference Centre

List of Accepted Abstracts for Poster Sessions

Work stream 1: The Scientific and Technical Partnership to support the implementation of the Sendai Framework

	Title of Abstract	First Name	Last Name	Organization
1.	Landslides in Equatorial Africa: Identifying culturally, technically and economically feasible resilience strategies	Jan	Maes	KU Leuven/VUB
2.	Multidimensional Approach to Integration of Disaster Reporting Systems: Leveraging on Strengths, Openness, Trust in Project Agos and Project eBayanihan	Maria Regina Justina	Estuar	Ateneo de Manila University
3.	International Partnerships of Local Authorities for Disaster Risk Reduction	Alan Avi	Kirschenbaum	Local Authorities Confronting Disasters & Emergencies
4.	<u>The Manila Observatory (MO) and the International Research Initiative on Adaptation to Climate Change (IRIACC) - Coastal Cities at Risk (CCaR)</u>	Ma. Antonia	Yulo-Loyzaga	Manila Observatory

5.	The RHISE Group - Researching the Health Implications of Seismic Events A collaborative research structure emerging from the Christchurch earthquakes.	Michael	Ardagh	University of Otago Christchurch
6.	Probability Uncertainty and Risk in the Environment Knowledge Exchange Network	Vera	Hazelwood	Smith Institute for Industrial Mathematics and System Engineering
7.	Post-disaster Emergency Communication for School Evacuation Shelters: A Spatial Analysis of the Sendai Municipal Disaster Prevention Radio System	Takashi	Oda	Miyagi University of Education, Sendai
8.	Building a Regional Humanitarian Partnership Team (RHPT) for enhancing Emergency Response and DRR in the South West Indian Ocean Sub-Region	Stephanie	Hodge	UNDP Comoros
9.	Geology for Global Development: Mobilising and equipping young geologists to engage in disaster risk reduction	Joel	Gill	Geology for Global Development
10.	Earthquake Disaster Risk Reduction Promoted By National Institute Urban-INCERC And European Center For Buildings Rehabilitation - ECBR, Bucharest, Romania	Emil Sever	Georgescu	The National R-D Institute URBAN-INCERC
11.	Indicator based Approach on Role of Science Technology in Disaster Risk Reduction in Asia	Rajib	Shaw	Kyoto University
12.	"Global Human Settlement expert working group" – advanced space technologies in support to international frameworks	Martino	Pesaresi	EUROPEAN COMMISSION - JOINT RESEARCH CENTRE
13.	"Disaster Risk Management Knowledge Centre" – Pooling knowledge and networks in disaster risk management	Delilah	Al Khudhairy	JOINT RESEARCH CENTRE OF EUROPEAN COMMISSION
14.	Australian Stakeholder Attitudes to Disaster Risk Reduction Education and Innovative Strategies to Promote Effectiveness and Scaled Implementation	Barbara	Kelly	CQUniversity

15.	Quantification of Resilience in Earthquake Engineering	Mohsen	Ghafory-Ashtiany	Iranian Earthquake Engineering Association
16.	The Royal Society: promoting science for disaster risk reduction	Sally	Tyldesley	The Royal Society
17.	Bridging science and practice of risk-sensitive urban planning: the role of UNISDR's Urban Planning Advisory Group	Ricardas	Sliuzas	University Twente
18.	Necessity of Global Research Platform on Nuclear Disaster Risk Reduction and Recovery	Shunichi	Yamashita	Nagasaki University
19.	Research and capacity building for Disaster Risk reduction and Climate Change Adaptation at The University of the South Pacific – Importance of partnerships	Helene	Jacot Des Combes	The University of the South Pacific
20.	Disaster Mental Health Risk Reduction – An Upstream Paradigm Shift for Disaster Mental Health	Lennart	Reifels	University of Melbourne / Free University of Berlin
21.	Partnerships for a better implementation of ecosystem-based disaster risk reduction (eco-DRR) and adaptation (EbA): linking science, policy and practice	Camille	Buyck	International Union for Conservation of Nature
22.	Disaster Resilience Integrated Framework for Transformation (DRIFT)	Bernard	Manyena	University of Manchester
23.	Building a More Resilient Nepal-The Utilisation of the Resilience Scorecard for Kathmandu, Nepal following the Gorkha Earthquake of 2015	Michael	Whitworth	AECOM
24.	Partnership: A New 'Technology' In Disaster Risk Reduction	Edson	Munsaka	NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
25.	Roadmap for European disaster resilience network for education - ANDROID	Richard	Haigh	University of Huddersfield, UK
26.	Global Disaster Resilience Centre, University of Huddersfield, UK	Dilanthi	Amaratunga	University of Huddersfield, UK

27.	Global Centre for Disaster Statistics -Connecting UN, Academia and Policy Makers in countries to support the implementation of the Sendai Framework-	Yuichi	Ono	International Research Institute of Disaster Science, Tohoku University
28.	Resilience Building – Local Partnerships (Contribution for Development of a Tsunami Monitoring and Early Warning System)	Carlos	Rabaçal	Setúbal Municipality
29.	International Federation for Information Processing and its Domain Committee on Information Technology in Disaster Risk Reduction	Dimiter	Velev	International Federation for Information Processing
30.	Enhancing Resilience via Engaging Spontaneous Volunteers in the Official Response System	Ayham	Fattoum	Alliance Manchester Business School
31.	Disaster preparedness and emergency management on campus: the Multi-Hazards Program by the Association of Pacific Rim Universities (APRU)	Takako	Izumi	IRIDeS, Tohoku University
32.	The Global Wildland Fire Network: A UNISDR Thematic Platform to Address Vegetation Fires, Global Change and Disaster Risk Reduction	Johann Georg	Goldammer	The Global Fire Monitoring Center (GFMC)
33.	Strengthening Regional Science and Technology Cooperation for SFDRR Implementation: Opportunities and Challenges in South Asia	Jyotiraj	Patra	British High Commission
34.	The Global Volcano Model network: collaborative volcanology for building a global understanding of volcanic hazard and risk	Melanie	Duncan	British Geological Survey
35.	IAP and Disaster Risk Reduction	Peter	McGrath	InterAcademy Partnership
36.	Comparison between lecture and teletriage in nursing students	seyed habibollah	Kavari	University of Social Welfare and Rehabilitation Sciences (USWR), Tehran, Iran
37.	The Dutch National Risk Assessment: An All Hazard strategy connecting multidisciplinary science and policy	Marcel G.	Mennen	National Institute for Public Health and Environment (RIVM)

38.	A collaborative approach to disaster training and education	Karen	Hammad	Torrens Resilience Institute
39.	Deltares supporting the Scientific and Technical Partnership	Lydia	Cumiskey	Deltares
40.	King's Centre for Integrated Research on Risk and Resilience (CIRRR)	Mark	Pelling	King's College London
41.	Innovations in Partnerships for Host Nation Empowerment in Disaster Risk Reduction and Response	Rebekah	Yore	Rescue Global
42.	Public Health England – working to reduce the impact of hazards both nationally and globally	Virginia	Murray	Public Health England
43.	GEM Foundation: Improving knowledge of earthquake risk worldwide	John	Schneider	GEM (Global Earthquake Model) Foundation
44.	Building bridges for a better global flood risk management - the Global Flood Partnership	Feyera	Hirpa	European Commission Joint Research Centre
45.	Disaster Preparedness and Response: How Public Libraries Can Partner with Local Agencies to Meet Community Needs	Christine	Hagar	San Jose State University
46.	The Emergence of a Globalized System for Disaster Risk Management and Challenges for Appropriate Governance	Steven	Jensen	Massey University
47.	Resilient Glasgow: A Scottish Case Study of Implementing the Sendai Framework	Eleanor	Murtagh	University of Strathclyde
48.	The American Red Cross Scientific Advisory Council: Providing evidence-based guidance since 1999	Steven	Jensen	Massey University
49.	Next Generation Core Competencies for Disaster Risk Management	Shirley	Feldmann-Jensen	California State University Long Beach
50.	The Japan Academy of Nursing Science and World Academy of Nursing Science, Integrate and Fuse Domains of Cure and Care into Ensuring Human Security	Hiroko	Minami	World Academy of Nursing Science

51.	Building Resilience to Climate Change and Disasters in the Pacific Region: Project-based Strategies for Disaster Risk Reduction	Paul	Taylor	Pacific Community - Geoscience Division
52.	Transforming Development and Disaster Risk: An initiative of the SEI	Frank	Thomalla	Stockholm Environment Institute
53.	Building Community Health Resilience to Disasters: A Multistakeholder Partnership Approach	Emily Ying-Yang	Chan	Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong
54.	The Earthquakes without Frontiers research project and its role in resilience building	Susanne	Sargeant	British Geological Survey
55.	Natural Hazards Partnership - UK Government	Ian	Lisk	Met Office
56.	An integrated, collaborative approach to urban resilience	Stephen	Passmore	The Ecological Sequestration Trust
57.	Disaster bioethics: A COST Action network addressing ethical issues in disasters	Dónal	O'Mathúna	Dublin City University
58.	Disaster and health research at the London School of Hygiene and Tropical Medicine	Sari	Kovats	LSHTM
59.	Earthquake Risk Reduction: Earthquake Forecasting from 2011 to Present	Michio	Hirai	Information Systems
60.	"The Youth Voice" - Disaster and Development Society (DDS)	Mark-Ashley	Parry	Disaster and Development Society
61.	The European Centre for Medium-Range Weather Forecasts: global medium-range ensemble weather forecasts supporting decision-making in disaster risk management	Ervin	Zsoter	ECMWF
62.	Global Alliance for Disaster Risk Reduction and Resilience in the Education Sector (GADRRRES)	Jair	Torres	UNESCO
63.	PLACARD: building a platform for CCA and DRR cooperation by 2020	Mario	Pulquerio	FFCUL

64.	Disaster and Development Network (DDN): Partnerships for strengthening resilience to disasters through local community involvement	Andrew	Collins	Northumbria University
65.	Healthier, safer and resilient communities and countries: the role of health partnerships in strengthening science and evidence for disaster risk management	Jonathan	Abrahams	WHO
66.	Unmanned Aerial Vehicles and other Advanced Technologies: Considerations for Operations and Organizations	Steven	Jensen	Massey University
67.	Protecting lives, enhancing compliance and reducing public concern through cognitive linguistic communication	Gabriella	Rundblad	Centre for Language, Discourse and Communication
68.	Skill Development as a means to "Build Back Better" in Disaster Mitigation, Recovery and Rehabilitation	Bhavani R.	Rao	Amrita University
69.	Implications of Sendai Framework of Disaster Risk Reduction for South Asia: Geneva Follow-up Action by Transdisciplinary Academic Community for Policy Briefing	Suraj	Mal	Department of Geography, Shaheed Bhagat Singh College, University of Delhi, India
70.	Disaster Robotics for the Disaster Risk Reduction	Satoshi	Tadokoro	Tohoku University / IEEE Robotics and Automation Society
71.	Disability and Disasters: Empowering people and building resilience to risk in Southeast Asia	Emma	Calgaro	University of Sydney
72.	Disaster Risk Reduction: UNESCO's contribution to a global challenge	Jair	Torres	UNESCO
73.	STRENGTHENING DISASTER HEALTH INFORMATION SYSTEMS AS A BASIS FOR IMPROVED SCIENCE	Kristine	Gebbie	World Association for Disaster and Emergency Medicine
74.	State of art of DRR research in Brazil and the proposal of a Brazilian Research Network in Disaster Risk Reduction	Mário	Freitas	Santa Catarina State University - Brasil (SC)

Work stream 2: Understanding disaster risk, risk assessment and early warning

	Title of Abstract	First Name	Last Name	Organization
75.	Post-nuclear disaster evacuation and survival amongst elderly people in Fukushima: a comparative analysis between evacuees and non-evacuees	Shuhei	Nomura	Imperial College London
76.	Post-nuclear disaster evacuation and chronic health in adults in Fukushima, Japan: a long-term retrospective analysis			
77.	An evaluation of early countermeasures to reduce the risk of internal radiation exposure after the 2011 Fukushima nuclear incident in Japan			
78.	Rapid Disaster Risk Assessment of Coastal Communities: A Case Study of Mutiara Village, Banda Aceh, Indonesia	Shesh	Kafle	Disaster and Climate Change Study Centre, Nepal (DCCSC Nepal)
79.	Economics of reclamation of flood-damaged areas: A case study from Nepal			
80.	Interweaving Impacts of Natural Disasters (The Case of Southern Leyte, Philippines)	Maria Teresa Sharon	Linog	Research Institute for Mindanao Culture
81.	Modelling of sea-level rise, inundation and effects on Bonriki freshwater lens, Tarawa, Kiribati	Amandine	Bosserelle	Secretariat of the Pacific Community
82.	Probabilistic assessment of life-lost years due to premature mortality because of earthquakes in Latin America and the Caribbean	Mario Andres	Salgado-Gálvez	International Center for Numerical Methods in Engineering
83.	Urban seismic risk assessment with a holistic approach for the National District in Santo Domingo, Dominican Republic	Martha Liliana	Carreño	International Center for Numerical Methods in Engineering
84.	Data Mining in Twitter to Support Disaster Risk Reduction During Typhoon Events	Sheila	Bonito	University of the Philippines Open University

85.	Integrating Health in Disaster Response, Recovery and Rehabilitation using SHINE OS+: The Nepal Experience	Maria Regina Justina	Estuar	Ateneo de Manila University
86.	From risk assessment to implementation of risk zonation: a case-study of Limbe city, Cameroon	Jan	Maes	KU Leuven/VUB
87.	Earthquake Preparedness: Managing Social Processes in Reducing Risks	Alan Avi	Kirschenbaum	Local Authorities Confronting Disasters & Emergencies
88.	Building resilience at the local level: experience in implementing the resilient city campaign in Kendari city Indonesia	Riyanti	Djalante	Local Government of Kendari City, Indonesia
89.	Disaster risk reduction efforts and factors affecting flood disaster management: A case study of Katakwi district-Olupe and Ngariam Camps.	Skyler Jayden	Dembe	Green World Uganda
90.	Structural vulnerability assessment of hospitals from a probable earthquake in Tehran, Iran	Abbas	Ostadtaghizadeh	Tehran Disaster Mitigation and Management Organization
91.	The need for Inclusive Flood Risk Governance in Jakarta, Indonesia	Gusti Ayu	Surtiari	UNU-EHS
92.	Reducing Local Losses from Flash Flooding through Regional Implementation of Early Warning Systems having Global Coverage	Rochelle	Graham	Hydrologic Research Center
93.	Linking Adaptive and Interactive Governance for Disaster Risk Reduction (DRR)	Annisa	Triyanti	University of Amsterdam
94.	Coastal hazards and Tsunami Risk Assessment and Management- Case Study from Sri Lanka	Sam	Hettiarachchi	University of Moratuwa
95.	Assessment of Drought Vulnerability using Spatial Information System: A Case study of Rajasthan, India	Ajay	Kumar	University of Delhi
96.	Are Global Economic Losses from Natural Hazards Increasing?	Caroline	McMullan	AIR Worldwide
97.	Magnitude and Return Period of the Maximum Plausible Earthquake in the Himalaya	Victoria	Stevens	California Institute of Technology
98.	The lifecycles of drought: Science, early warning and adaptation across timescales	Roger	Pulwarty	NOAA

99.	Child centered disaster risk reduction integrating with climate smart interventions in coastal Andhra Pradesh.	Meda Gurudutt	Prasad	CADME (Coastal Area Disaster Mitigation Efforts)
100	urban flood of coastal mega-cities: risk assessment and responses in Shanghai City	Ruishan	Chen	East China Normal University
101	Measuring health impacts of a nuclear accident: a case in a coastal area in Fukushima	Sae	Ochi	Soma Central Hospital
102	Mobile services for flood early warning in Bangladesh	Lydia	Cumiskey	Deltares
103	National Emergency Management Agency (NEMA) And Flood Disaster Management in South West Nigeria	Taiwo Oladeji	Adefisoye	Disaster Management, Governance And Development Initiative (Dimagdi)
104	Managing Risks? Early Warning Systems For Climate Change Related Hazards	Zinta	Zommers	UNEP
105	Resilience of art cities to natural catastrophes: the initiatives of Accademia dei Lincei in collaboration with IAP	Antonio	Sgamellotti	Accademia Nazionbale dei Lincei; IAP
106	Integrative Transdisciplinary Vulnerability and Resilience Assessment (TIV)	Martin	Voss	Disaster Research Unit (DRU)
107	Integrating FrontlineSMS Application into the Identification and Evaluation of Risk Impact from Gold Rush and Mining in Bombana District, Indonesia	Omar	Pidani	Australian National University
108	The need for psycho-social support for older women in Japan during the recovery phase.	Mayumi	Kako	Flinders University
109	Establish a Pan-European Information Space to Enhance seCurity of Citizens	Alexander	Preinerstorfer	Austrian Institute of Technology
110	From Big Science To A Small Community: Assessment And Understanding Of Multi-Hazard Risks. Case Study Of A Protected Area In Bucharest, Romania	Emil Sever	Georgescu	The National R-D Institute URBAN-INCERC
111	Monitoring Global Exposure from Space: the Global Human Settlement Layer	Martino	Pesaresi	European Commission - Joint Research Centre

112	Mid and Long-term feedback on post-disaster recovery process	Annabelle	Moatty	UMR GRED (Join Unit Research team - Governance Risks Environment and Development)
113	Monitoring disaster risk reduction targets: the example of INFORM	Tom	De Groeve	Joint Research Centre Of European Commission
114	A Global Tsunami Model network for increased understanding of tsunami hazard and risk	Finn	Løvholt	NGI
115	Multi hazard risk assessment using high resolution remote sensing	Jonas	von Ruetten	Terrasense Switzerland - Geological Risk Prevention
116	The Use of Volunteered Geographic Information for Disaster Risk Reduction – A case study of São Carlos, Brazil	Maria Clara	Fava	University of São Paulo
117	Testing new technologies for forecast warnings of large earthquake events: The complexity of the new challenges	Garry	de la Pomerai	Ertha Space- Soluzion UAE
118	Using Participatory Approaches to Identify Vulnerability Indicators for Social-Ecological Systems Facing Multiple Hazards	Zita	Sebesvari	United Nations University
119	Urban Africa: Risk Knowledge	Mark	Pelling	King's College London
120	Developing a framework for spatial risk assessment of environment-related diseases for strengthening decision-making processes in the public health sector	Yvonne	Walz	United Nations University, Institute for Environment and Human Security (UNU-EHS)
121	Spatial planning as a tool for flood risk reduction in East African cities	Ricardas	Sliuzas	University Twente
122	Indigenous Knowledges: A panacea for understanding Disaster risk?	Edson	Munsaka	National University Of Science And Technology
123	High Impacts Weather Events in the Western Cape, South Africa	Robyn	Pharoah	Research Alliance for Disaster and Risk Reduction
124	WIRELESS SENSOR NETWORKS FOR REAL TIME MONITORING & EARLY WARNING OF LANDSLIDES: A	Maneesha	Vinodini Ramesh	Amrita Vishwa Vidyapeetham (Amrita University)

	REAL WORLD DEPLOYMENT IN WESTERN GHATS & HIMALAYAS IN INDIA			
125	Spatial analysis of elements at risk and household vulnerability to landslide hazards on Mt. Elgon, Uganda	Sammy	Ratemo	Eco Innovations International
126	Integrating Indigenous Knowledge In Disaster Risk Management In Highland Areas: A Case Study Of The Kigezi Highlands In Uganda	Edson	Kamagara	African Population Institute
127	Urban safety through the eyes of cultural heritage	Hisila	Manandhar	Kathmandu Valley Development Authority
128	Making waves: Shifting social contracts through tsunami rehabilitation in the Andaman Islands, South India	Sophie	Blackburn	King's College London
129	Support Action for Strengthening PAlestine capabilities for seismic Risk Mitigation: SASPARM 2.0	Jalal	Al Dabbeek	An Najah National University
130	How Seismology And Earthquake Engineering May Contribute To The Regional Earthquake Risk Reduction Activities During The Sendai Framework Period?	Maria-Jose	Jimenez	CSIC Madrid
131	Climate Change and Infectious Diseases: A case study of climate variability and malaria incidence in the forest zone of Ghana, West Africa	Sylvester	Danuor	Kwame Nkrumah University of Science and Technology (KNUST)
132	CARISMAND: Culture And RISkmanagement in Man-made And Natural Disasters. Better understanding the links between culture, risk perception and disaster management	JOSE L.	DIEGO	Valencia Local Police
133	A parallel computing framework for physically-based global flood hazard modeling	Yasir	Kaheil	FM Global
134	Exploring the collection and analysis of disaggregated data to help improve the humanitarian response to women and girls after a disaster	Kevin	Blanchard	Public Health England
135	Application Potential of Multidimensional Scaling for the Design of DSS in Transport Insurance	Victor	Vican	Jacobs University

136	Risk prevention for catastrophic landslides: Abe Berek revisited	Andrew	Kos	Terrasense Switzerland - Geological Risk Prevention
137	The challenges and opportunities of early warning messages aimed at evacuation compliance: A case report following Cyclone Aila in Bangladesh	Md. Nasif	Ahsan	International Centre for Water Hazard and Risk Management (UNESCO-ICHARM), Public Works Research Institute
138	Regulatory Issues of Disaster Risk Governance in the Education Sector	Fadi	Hamdan	DRMC
139	Ensure Food Safety in Natural Disasters	Fernando	Moreira	College of Health Technology of Coimbra
140	The monetary benefit of early flood warnings	Hannah	Cloke	University of Reading
141	Inter-organizational network modelling for assessing tsunami early warning structure in West Sumatera	Mizan Bustanul Fuady	Bisri	Kobe University
142	Effects of repeated environmental disasters on the survival of human communities and the resilience of natural ecosystems over 300 years in North East Iceland	Ragnhildur	Sigurdardottir	Reykjavik Academy
143	Flood Hazard and Risk Assessment for Lebanon	Chadi	Abdallah	CNRS
144	Supporting continental and global scale disaster risk management: Flood early warning systems	Feyera	Hirpa	European Commission Joint Research Centre
145	Spatial and Trend Analysis of Communicable Diseases throughout the 2014 Flooding of the Kelantan River Basin in Malaysia	Mohd Firdaus	Mohd Radi	Department of Community Health, National University of Malaysia, Kuala Lumpur.
146	Understanding the relationships between the droughts and regional development options in the West Region of Santa Catarina	Mário	Freitas	Santa Catarina State University - Brasil (SC)
147	Disaster Risk Reduction using integrated open sources smart geospatial technology: A case study of landfall of Cyclone Phailin, Odisha, India	Manoranjan	Mishra	Gangadhar Meher University, India

148	Funding health services in the long road to recovery from a natural disaster: Lessons from the New Zealand experience.	Alistair	Humphrey	Canterbury District Health Board
149	Building Resilience Through Disaster Recovery: Aceh 10 Years On from the Tsunami	Michael	Boyland	Stockholm Environment Institute
150	Building Disaster-resilient Livelihoods Amid Change: the interaction of flooding, migration and ethnicity in selected villages in Lao PDR	Albert	Salamanca	Stockholm Environment Insitute
151	The evidence gaps in health emergency planning in health: Finding the gaps	Andrew	Lee	School of Health and Related Research, The University of Sheffield
152	Flooding and public health – using local media reports to improve our understanding of impacts and responses within communities.	Ishtar	Al-Shammari	Imperial College London
153	emBRACE - Building Resilience Amongst Communities in Europe	Richard	Taylor	Stockholm Environment Institute
154	Measuring and enhancing effective adaptation: Learning about resilience from local people	Terry	Gibson	Global Network of Civil Society Organisations for Disaster Reduction
155	Disaster Risk Reduction, Uganda Chapter, A Case of Bududa Landslides	Rumanzi	Benita	Africa Population Institute
156	Disaster Risk Reduction in the Greater Chicago Area	Christina	Spoons	Walden University
157	Assessing the impact of climate change and socio-economic development on future coastal flood mortality	Sari	Kovats	LSHTM
158	Risk-Level Assessment System on Bengawan Solo's Flood Prone Areas using AHP and Web GIS	Haris	Rahadianto	Electronics Engineering Polytechnic Institute of Surabaya
159	The Search of the Liquid Treasure: safe water supply in disaster scenario	Marta	Vasconcelos Pinto	Escola Superior de Tecnologia da Saúde de Coimbra, Coimbra Health School
160	Digital inclusion of flood affected communities to close the last mile data gap and to create actionable information for an improved preparedness and	Marc	van den Homberg	Cordaid

	response			
161	Awareness and risk perceptions of extreme temperature warning in subtropical city in Asia: A glimpse of the young educated population	Emily Ying-Yang	Chan	Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong
162	Co-production of science and society in volcanic crises: insights into scientific advisory practice	Amy	Donovan	King's College London
163	Ensemble weather forecasts supporting decision-making for disaster risk reduction	Ervin	Zsoter	ECMWF
164	Waterlogging Vulnerability Assessment of Coastal Urban Community: A Case Study of Chittagong City Corporation Area, Bangladesh	Md. Rezuhanul	Islam	Asian Disaster Preparedness Center (ADPC)
165	Risk assessment of natural hazards in Iceland – an overview	Sigrún	Karlsdóttir	Icelandic Meteorological Office
166	Measuring community resilience to disasters: Case studies from India and South America	Margherita	Fanchiotti	UNESCO & University of Southampton
167	UK Government – International Horizon Scanning Science Partnership	Gavin	Iley	Met Office
168	How is catastrophe risk modelling being used today to enhance urban resilience?	Daniel	Stander	RMS
169	Health Centred Disaster Risk Reduction (HCDRR)	Andrew	Collins	Northumbria University
170	Addressing antimicrobial resistance through the Sendai Framework on disaster risk reduction	Thara	Raj	Public Health England
171	Forecasting regional flood hazard	Liz	Stephens	University of Reading
172	Application of Simple Predictive Models for Drought Risk Reduction in Developing Countries	Babatunde	Adeogun	Ahmadu Bello University, Zaria, Nigeria
173	Strategies for interorganisational collaboration in disaster prevention	Marie	Bartels	Technische Universität Berlin

174	Risk sensitizing future investment against disaster risk	Junko	Mochizuki	Iiasa
175	Breaking the cycle of hunger and disaster risk: understanding hot spot regions and causal feedbacks	Matthias	Garschagen	United Nations University
176	Quick-scan methodology to protect critical urban infrastructure from floods Case study Bangkok, Thailand	Chris	Zevenbergen	UNESCO-IHE
177	INTER-Asian initiative on joint NATural and TECHnological (Natech) risk reduction at industrial estates	Ana Maria	Cruz	DPRI, Kyoto University
178	The tragic accident caused by the rupture of a dam mining waste in Mariana MG, Brazil in November 2015: lessons for the future	Mário	Freitas	Santa Catarina State University - Brasil (SC)
179	Aral Sea Disaster: Sustainable water resources management in Central Asia	Abror	Gadaev	Samarkand state architectural and civil engineering institute
180	Mitigating drought risk through better seasonal management of groundwater supplies from low storage aquifers in Africa	Rosalind	Cornforth	Walker Institute
181	Global Dynamic Exposure and the OpenBuildingMap	Danijel	Schorlemmer	German Research Center for Geosciences, Potsdam, Germany
182	The role of colour perception and cultural associations in the interpretation of early warning systems	Chris	Tang	Dept of Education and Professional Studies, King's College London
183	QLARM; a Global Model for Earthquake Loss Estimates in Real-Time and Scenario Modes	Philippe	Rosset	International Centre for Earth Simulation

Work stream 3: Use of science, technology and innovation tools, methods and standards to support the implementation and reporting of Sendai Framework

	Title of Abstract	First Name	Last Name	Organization
184	Mental Health Care Professionals' Capacity To Deliver Services During Recovery	Sarbjit	Johal	Joint Centre for Disaster Research, Massey University / GNS Science, Wellington, New Zealand
185	Using research findings to produce international standards in disaster risk reduction	Duncan	Shaw	Manchester University
186	Understanding Disaster Response from Information Flow: Text Mining Analysis of Crowdsourced Disaster Reports in Project Agos and eBayanihan	Maria Regina Justina	Estuar	Ateneo de Manila University
187	Local Challenges and Opportunities for DRR Science after Sendai: the View from the Bottom	Eric	Lindquist	Public Policy Research Center, Boise State University
188	Post-disaster Emergency Communication for School Evacuation Shelters: A Spatial Analysis of the Sendai Municipal Disaster Prevention Radio System	Takashi	Oda	Miyagi University of Education, Sendai
189	"Disaster Loss Data" – A global metric for implementing the Sendai Indicators and reducing disaster risk.	Daniele	Ehrlich	JOINT RESEARCH CENTRE OF EUROPEAN COMMISSION
190	3Ds (Digital humanitarians, Diasporas and Drones) during disasters: A lesson from Nepal's earthquake	Uttam Babu	Shrestha	University of Southern Queensland
191	START DEPP Linking Preparedness Resilience and Response in Emergency Context (LPRR)	Rebecca	Murphy	Christian Aid
192	Integrating Geospatial Information and Local Adaptation for Reducing Climate Related Agricultural Risk (Implementation of SFDRR in Indonesia, 2015)	Sudibyakto	-	Indonesian Disaster Expert Association, National Agency for Disaster Management (BNPB)
193	Root Cause Analysis: Understanding The Formation Of Risks And Vulnerability In Small-scale But High-impact	Arabella	Fraser	King's Centre for Integrated Research on Risk and Resilience

194	Disaster Mental Health Risk Reduction – An Upstream Paradigm Shift for Disaster Mental Health	Lennart	Reifels	University of Melbourne / Free University of Berlin
195	GIS Technology enhances disaster resilience and disaster risk reduction	Carine	Yi	Tohoku University
196	STRENGTHENING THE COLLABORATION BETWEEN SCIENTISTS AND CIVIL PROTECTIONS IN DRR: THE EXAMPLE OF THE VeTOOLS PROJECT	Joan	Marti Molist	Group of Volcanology, Institute of Earth Sciences Jaume Almera, CSIC, Barcelona, Spain
197	Strengthening Quality of Health Action in Humanitarian Relief through Online Library. Experiences from two years online.	Karin	Geffert	Medical Mission Institut
198	Building Resilience through climate information in Burkina Faso and Ethiopia	Sophie	Rigg	King's College London
199	Quantifying ecosystem services for disaster risk reduction – research from the EPIC project	Karen	Sudmeier-Rieux	University of Lausanne
200	Integration of Provenance-enabled Crowdsourced Information with Traditional Disaster Management Information using Linked Open Data	Werner	Leyh	University of São Paulo
201	Innovative tools and effective scheme to support establishing effective disaster damage and loss database -Strategy of Global Centre for Disaster Statistics-	Yuichi	Ono	International Research Institute of Disaster Science, Tohoku University
202	Flood resilience and disaster mitigation	Stephen	Garvin	BRE
203	Data Integration and Analysis System (DIAS) for Disaster Risk Reduction	Akiyuki	Kawasaki	The University of Tokyo
204	Addressing the science and technology needs of city governments for SFDRR implementation: Insights from Shimla Municipal Corporation in the Indian Himalayas	Komal Gokalbhai	Kantariya	United Nations Development Programme (UNDP)
205	What should constitute a global baseline for measuring true global reductions in disaster casualties?	Marie	Pears-Piggott	RMS

206	Decision Support and Data Discovery for Improved Hazard Analysis and Disaster Response	Margaret	Glasscoe	Jet Propulsion Laboratory, California Institute of Technology
207	Mainstreaming as a key concept to achieving urban resilience	Fouad	Bendimerad	EMI (Earthquakes and Megacities Initiative)
208	Use of science and research to support the implementation of Sendai Framework in Malaysia	Muhammad Fathi	Yusof	University of Technology Malaysia
209	Simulated Triage Training By Mobile In Emergency Technicians	Seyed Habibollah	Kavari	University of Social Welfare and Rehabilitation Sciences (USWR), Tehran, Iran
210	Rapid Analysis and Specialisation of Risk	Roberto	Rudari	CIMA Research Foundation
211	Environmental disaster protection from textile sludge: A biotechnology based approach	Romana	Siddique	BRAC University
212	Detection of water based Bisphenol A using real-time microwave sensing	Mohammad	Russel	Dalian University of Technology
213	Contribution of benchmarks and ongoing evaluation to emergency preparedness and risk reduction of communicable diseases	Bruria	Adini	Ben-Gurion University of the Negev
214	Assessing Landslide Hazard and Susceptibility for Early Warning in Papua New Guinea	Joanne	Robbins	MET Office of the UK
215	Improving Water Quality in Kiribati with Solar Disinfection (SODIS)	Juliana	Ungaro	Pacific Community - Geoscience Division
216	Use of Multirotor and Fixed Wings UAVs to Assess Impacts of TC Pam (Cat. 5) in Vanuatu	Herve	Damlamian	Pacific Community - Geoscience Division
217	Modelling of Sea-level Rise, Inundation and Effects on the Bonriki Freshwater Lens, Tarawa, Kiribati	Amandine	Bosserelle	Pacific Community - Geoscience Division
218	Researching psychosocial interventions in the aftermath of disasters: The "All Right?" Campaign: A social marketing campaign for well-being.	Alistair	Humphrey	Canterbury District Health Board

219	Tsunami Inundation Modelling of Tongatapu, Kingdom of Tonga	Herve	Damlamian	Pacific Community - Geoscience Division
220	The Pandemic Survival Roadshow: Improving health literacy and emergency preparedness through a transportable, low cost exhibition in Canterbury, New Zealand	Alistair	Humphrey	Canterbury District Health Board
221	EpiNurse in Nepal: Monitoring for ensured communicable disease control on evacuation in Nepal	Sakiko	Kanbara	University of Kochi
222	Development of a remote simulation training system for nurses responding to disaster	Sonoe	Mashino	University of Hyogo
223	New Technology for Field Collection of Medical and Disaster Data	Philip	Gaffney	L2S2 Ltd
224	Downward Vertical Evacuation for Disabilities People from Tsunami using Escape Bunker Technology	Haris	Rahadianto	Electronics Engineering Polytechnic Institute of Surabaya
225	Multi-disciplinary science and scenario to support the Sendai Framework. The SAFRR tsunami scenario as a model.	Deborah	Brosnan	Brosnan Center
226	What are the knowledge gaps in global civil society for disaster risk perceptions? Insights from a global online training program	Emily Ying-Yang	Chan	Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong
227	Cleaning up Afterwards. The UK Recovery Handbook for Biological Incidents	Thomas	Pottage	Public Health England
228	The EDEN Toolbox of Toolboxes: a new approach to integration, connection and data fusion applicable to disasters and climate change events	Brigitte	Serreault	Airbus Defence and Space SAS
229	The Socioeconomic Component of OpenQuake: Assessing Earthquake Risk using the Integrated Risk Modelling Toolkit	Christopher	Burton	Global Earthquake Model (GEM) Foundation
230	Forecasts for triggering humanitarian action: science to support the Forecast-based Financing pilot projects	Liz	Stephens	University of Reading

231	Disaster Risk Governance in Bangladesh to Manage River Flood risk	Md. Salimul Alam	Shahin	TU Dortmund, Germany
232	FLOPROS: A global database of flood protection standards	Paolo	Scussolini	Vrije Universiteit Amsterdam
233	Assessing national seismic risk with the OpenQuake suite of tools	Vitor	Silva	Global Earthquake Model
234	National risk data sharing platform for participative governance	Roland	Nussbaum	Mission Risques Naturels (MRN)
235	S&T achievements, from the perspective of an association acting as operator of the national DRR platform, to support the implementation of SFDRR objectives	Roland	Nussbaum	Mission Risques Naturels (MRN)
236	Use Of The Disaster Logic Model In The Design And Evaluation Of Relief/Recovery And Risk-Reduction Interventions	Marvin	Birnbaum	University of Wisconsin School of Medicine and Public Health
237	Mobilizing Science, Evidence and Technology for the Sendai Framework	Julie	Calkins	UK Collaborative On Development Science

Work stream 4: Leveraging science through capacity development and research

	Title of Abstract	First Name	Last Name	Organization
238	Measuring Disaster Resilient Communities: A Case Study of 43 Coastal Communities in Aceh and on Nias Island, Indonesia	Shesh	Kafle	Disaster and Climate Change Study Centre, Nepal (DCCSC Nepal)
239	Post-disaster Emergency Communication for School Evacuation Shelters: A Spatial Analysis of the Sendai Municipal Disaster Prevention Radio System	Takashi	Oda	Miyagi University of Education, Sendai
240	The role of science in innovation for the emergency sanitation sector	Yoke Pean	Thye	Bandung Institute of Technology
241	HIWeather: The World Weather Research Programme High Impact Weather Project, 2015-2024	Brian	Golding	Met Office
242	Developing Science Policy Interfaces in Disaster Risk Management: experience in the EU	Tom	De Groeve	Joint Research Centre Of European Commission
243	SOW SEEDS OF CHANGE: LOCAL BEST PRACTICES IN DISASTER RISK REDUCTION EFFORTS	Exaltacion E.	Lamberte	De La Salle University-Manila
244	Resilience through Investing in Ecosystems – knowledge, innovation and transformation of risk management (RELIEF Kit)	Naoya	Furuta	IUCN - International Union for Conservation of Nature
245	The role of The University of the South Pacific in building capacity for disaster risk reduction in the Pacific Region: Special focus on the EU-PacTVET project	Helene	Jacot Des Combes	The University of the South Pacific
246	Advancing the Understanding of Creeping Disasters for Resilience Building in Africa; The Role of Partnerships and Capacity Building through BRACED in Uganda	Shuaib	Lwasa	Makerere University
247	Projections, Prospects, and Challenges of the Community data	Shabana	Khan	International Social Science Council

248	Capturing the Power of Technology to Build a Culture of Resilience	Ahsan	Kareem	President, International Association for Wind Engineering
249	Preparedness of Aceh Search And Rescue (SAR) Team in Handling The Earthquake And Tsunami	Azwar	Hamidi	Community Emergency and Disaster Management Specialist
250	Disaster Risk Reduction: Socio-Ecological Urbanism	Nuha	Eltinay	Arab Urban Development Institute (AUDI)
251	The Influence of Civil Society in Negotiation Processes at the United Nations: the Case of the Women's Major Group on the Sendai Framework for Action	Leah	Kimber	UNIGE
252	Governance & advanced regionalism: keys to integrated risk management in Morocco	Abdeslam	Badre	Mohammed V University of Rabat
253	Leveraging the built environment professional skills and needs to Sendai framework: community's perspective	Srinath	Perera	Northumbria University
254	Data Scientists to the Rescue: An Example of Effective Collaboration Between University-Based Data Scientists and SAR Reconnaissance Teams	Steven	Reece	Oxford University
255	Trends in science and technology for Disaster Risk Reduction and the implementation of the Sendai Framework 2015-2030: a case study-based analysis	Amina	Aitsi-Selmi	Public Health England
256	Strengthening adaptation and resilience to climate variability and change in Kenya	Nyree	Pinder	Met Office
257	NOU PARE : reducing vulnerability through children participation and integration of the civil society of Haiti	Guerty	Aimé	Terre des Hommes Suisse, Haïti
258	Capacity Building For Application Of Disaster Risk Reduction Technology At Community Level Of Bangladesh	Zahurul	Karim	Center for Agriresearch and Sustainable Environment & Entrepreneurship Development
259	Free geoinformatics – for disaster risk reduction and sustainable development applications	Richard	Teeuw	University of Portsmouth

260	The Glasgow Game: Developing an Inclusive Resilience Vision	Eleanor	Murtagh	University of Strathclyde
261	In the Heat of the Moment: Scientists, Scientific Risk and Expertise during Disasters	Deborah	Brosnan	Brosnan Center
262	Reducing Flood Disaster Risk using Participatory Mapping as Capacity Building	Haris	Rahadianto	Electronics Engineering Polytechnic Institute of Surabaya
263	Ethics case studies to build people's resilience for disasters	Dónal	O'Mathúna	Dublin City University
264	Post-Research Ethics Audit (PREA) for Health Research in Humanitarian Crises			
265	Making advances in science and technology available for Disaster Risk Reduction planning in middle and low-income countries	Christopher	Wardle	GEM Foundation
266	Community Solidarity in Disasters Response: An aspect for enhance community resilience.	Jane Ciambele	Souza da Silva	Federal University of the Rio Grande do Norte - UFRN
267	Design for disaster and rescue; a challenge for architects and designers	Noemi	Bitterman	Technion
268	WHO's policies and guidance on evidence-based guideline development and research: models for strengthening science and evidence for disaster risk management	Jonathan	Abrahams	WHO
269	Improving global capacity in earthquake risk assessment	Vitor	Silva	Global Earthquake Model
270	System Enabled Real-Time Coordinated Decision Making in Crisis and Emergency Management Using the Sendai Framework	Alexis	Amaye	University College Cork, Centre for Security and Emergency Management
271	Best Innovative technique in EM precursory as early warning for Earthquakes forecasting f High Magnitude through Satellite imagery of NOAA and IPS Australia "	Umesh Prasad	Verma	Patna university

272	Disaster Evaluation Typologies	Diana	Wong	Monash University
273	Leveraging Science and Policy on Disaster Risk Reduction through Regional Networks – A Case Study	Snezana	Krstic	n.a.
274	Disaster preparedness for energy ~ water ~ waste Resilience with geo-spatial statistics	Salil K	Sen	Asian Development Bank
275	Effectiveness of Participatory Community-based Program on Preparation, Response and Recovery from the 2014 Flood Episodes in Kuala Krai, Kelantan, Malaysia.	Zailina	Hashim	Universiti Putra Malaysia
276	Social Dimensions of Technological Disasters	Akiko	Sato	United Nations University Institute for the Advanced Study of Sustainability
277	Higher Education and Disaster Risk Reduction Capacity Building: Insights from an independent evaluation of Periperi U	Ailsa	Holloway	Research Alliance for Disaster and Risk Reduction