

IDRiM 2017-Program (Draft – Subject to change)

8th Conference of the International Society for Integrated Disaster Risk Management in cooperation
with NORDRESS Nordic Centre of Excellence

Dimensions of Disaster Risk Reduction and Societal Resilience in a Complex World

August 23 – 25 2017, Reykjavík, Iceland

Day 1-August 23rd

Room Time	1	2	3	4
9:00-9:45	Opening Ceremony Gudrun Petursdottir, Local Organizer, Chair (7min) Adam Rose, IDRiM Society President (8 min) Film on Eyjafjallajökull eruption			
9:50-11:20	Invited Plenary Lectures Chair Guðrún Gísladóttir Keynote 1 John Richardson: More than three liters of water- Helping people prepare for the true consequences of disasters. Keynote 2 Magnus Tumi Gudmundsson: Volcanic eruptions (Title TBD)			
11:20-11:40	Coffee Break			
11:40-13:10 Parallel 1	P1 Earthquake Preparedness 1. Mark Benthien Community engagement for global coordinated earthquake drill 2. Naoki Matsumura What is “Safety” against earthquake? A case study on people’s “risk” perception and uncertain “safety” 3. Tadashi Ise Generation	P2 Risk assessment and risk analysis 1. Sigrún Karlsdóttir: Risk assessment of natural hazards in Iceland – an overview 2. Asjad Naqvi: Risk-Adjusted Human Development Index 3. Bjorn Karlsson: The development of a methodology for risk and capability assessments within the Baltic Sea Region 4. Ganesh Gorti: Understanding the role of multicriteria decision analysis in transformative disaster risk governance	P3 Volcanic Hazards 1. Bergrún Arna Óladóttir: Catalogue of Icelandic volcanoes (CIV) 2. Saut Sagala: Learning from Long-Term Volcanic Eruption 3. Guðrún Gísladóttir: Coping with and recovering from disasters: the 2010 Eyjafjallajökull experience 4. Xochilt Hernandez/Evgenia Ilyinskaya: Unseen but not unfelt:	P4 Mental and physical health related impacts of natural disasters 1. Arna Hauksdóttir Mental health effects following the eruption in Eyjafjallajökull volcano in Iceland 2. Thordardottir Edda Bjork: Psychosocial Support After Natural Disasters in Iceland- Implementation and Utilization 3. Heidrun Hlodversdottir: Long-term health



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	<p>from Information to Knowledge in Disaster Response - Based on information support of 2016 Kumamoto earthquake, Japan -</p> <p>4. Kiyomine Terumoto: Issues of wide-area earthquake disaster management; a case study on the Nankai Trough earthquake in Japan</p> <p>5. Mahmoud Hosseini: Opportunities and Challenges for Compulsory Earthquake Insurance in Seismic Developing Countries – Case Study of Iran</p>	<p>5. Saint-Martin, Clotilde A bottom-up approach for flood exposure assessment to provide a further insight into flood-related damage in South of France</p> <p>6. Diaz, Jorge Underlying Causes and Cascading Effects within DRR assessments.</p>	<p>resilience to persistent volcanic emissions (UNRESP). Case study from Masaya volcano, Nicaragua</p> <p>5. Asthildur Bernharðsdóttir and <u>Jonas Eliasson</u>: Volcanic threat challenges in Iceland compared to Japan</p> <p>6. Onishi Masamitsu: A methodology for normative decision makings on evacuation order from volcanic disasters with the consideration of unforeseen risks</p>	<p>effects of the Eyjafjallajökull volcanic eruption: A prospective cohort study in 2010 and 2013</p> <p>4. Karoliina Pilli-Sihvola: Challenges in estimating health and economic impacts of disasters</p> <p>5. Shoko Miyagawa: Introduction and evaluation of an IT-based health assessment system for disaster relief organization</p> <p>6. Pfister, Sina Making disaster studies personal - re-considering resilience as a mental constitution</p>
13:10-14:10	Lunch			
14:10-15:40 Parallel 2 (1.5 hours)	<p>P5 Natech Risk Management: Dealing with Changeability and Uncertainty</p>	<p>P6 Early warning and Risk communication 1. Reija Ruuhela: Experiences on weather warnings</p>	<p>P7 Resilience of Humanitarian Sector in a Complex World 1. Junko Mochizuki Will humanitarian</p>	<p>P8 Children and Disasters 1. Hauksdóttir Arna Health effects of the Eyjafjallajökull volcanic eruption</p>



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	<ol style="list-style-type: none"> 1. Elisabeth Krausmann NaTech risk management in Europe -lessons learned. 2. Irasema Alcantara Ayala The Fukushima DAI-ICHI Nuclear power plant Na Tech accident 3. Eric Piatyszek Flood Induced NaTech events 4. Ana Maria Cruz Natech Risk Assessment to inform Community Evacuation Planning. 5. Akiko Murakami: An actualization of operational risks using text analytics approach in Fukushima power plant disaster 	<p>related to direct health impacts</p> <ol style="list-style-type: none"> 2. Michele Wood: Optimizing imminent threat mobile alerts to motivate protective 3. Gunhild Setten: Of men and materialities. A gendered reading of news media coverage of a wildfire in Norway in 2014. 4. Mayumi Sakamoto: Establishing Risk Communication System among Disaster Researchers, Mass Media and Government 5. Silje Aurora Andressen: You need to be where the fire happens': the construction of the 'local' in Norwegian newspapers after the fire in Lærdal, Norway 6. Hans Jørgen Henriksen: Building trust in water governance through intelligent water infrastructure 	<p>games affect people's information seeking behavior?</p> <ol style="list-style-type: none"> 2. Ito Hideyuki Logistics of relief supplies for the Nankay Megatrast earthquake 3. Satoh Miho Information sharing tasks in Disaster relief assistance. 4. Rasmus Dahlberg: The turn towards resilience in Danish emergency management 5. Repaul Kanji: Creating disaster resilience through CSR: an ISM approach 6. Mc Lean Andrew: The impact of leadership on community engagement, and the role of behavioral health during disaster-a community review. 	<p>among children: A prospective cohort study in 2010 and 2013 (133)</p> <p>2 Thordardottir Edda (172) Sleep disturbances in adulthood among childhood avalanche survivors: Risk and resilience factors</p> <p>3. Petersen Tóra: School based intervention following disasters</p> <p>4. Dyregrov Atle Mental health interventions for children after disasters</p> <p>5.& 6. Atle Dyregrov, Kari Dyregrov Family gatherings for bereaved after disasters</p>
15:40-16:00	Coffee			
16:00-16:45	<p>Plenary Interview By Ms Þóra Arnórsdóttir</p> <p>How can we prepare ourselves for disasters? Atle Dyregrov, John Richardson, David Alexander,</p>			



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<p>17:00-18:00 Parallel (1 hour session- 4 presentations)</p>	<p>P9 Action research of community based disaster management 1. Katsuya Yamori: Action research towards effective disaster risk communication 2. James Goltz: Community-Based Participation for Effective Earthquake and Tsunami Warning in Japan and the United States 3. Kaori Kitagawa: Linking community-based preparedness engagement with social ecosystem thinking: a case from Japan 4. Nadejda Komendantova: International Institute for Applied Systems Analysis</p>	<p>P10 Terrorism and Integrated Disaster Risk Management 1. Kurt Petersen: Terrorism and Crisis Management Approaches in the Swedish Crisis Management System 2. Martin Sjoen: Responding to threats of homegrown terrorism: findings from public sector prevention efforts on issues of radicalization and violent extremism 3. Adam Rose: The economic consequences analysis tool (E-CAT) 4. Chatterji Manas: Role of Peace Science in Disaster Management.</p>	<p>P11 Tourism and Disaster Preparedness: a forgotten group 1. Toru Fujisawa: Disaster-Preventing Efforts Taking into Consideration the Regional Characteristics 2. Thalia Balkaran: Assessing the Vulnerability of Tourism-related Livelihoods to Tropical Cyclones in Small Island Developing States: a comparison of Tobago and Jamaica 3. Deanne Bird: Tourism survival? The balance of money and risk 4. Yasamin Izadkhah: Towards Identifying the Roles of Local Supermarket Managers in Disaster Preparedness and Response</p>	<p>P12 Social welfare 1. Ragnheiður Hergeirsdóttir: Árborg 2008: Local social services responding to earthquake and financial crisis. 2. Shigeru Kakumoto: Happiness and Disaster for Human by the Comparison of Regions with Different Culture of Disaster 3. Guðný Björk Eydal: Local Social Services in Nordic Countries in Times 4. Mona Zharyoun/Hosseini Mahmood: Application of flexible architecture and innovative structural systems in creating multi-purpose neighborhoods' self-help centers for post-earthquake emergencies</p>
<p>18:15-19:15</p>	<p style="text-align: center;">Cascading Impacts of Natural Hazards Panel Discussion Chair: Norio Okada Jonas Eliasson, Ortwin Renn, Guðmundur Freyr Úlfarsson, Magnus Tumi Guðmundsson, Hirokazu Tatano.</p>			



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19:15 – 20:00	IDRiM General Assembly including the IDRiM Research, Service and implementation Awards
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Day 2-August 24th

Room Time	1	2	3	4
8:30-9:15	Keynote 3: Chair: Hirokazu Tatano Ortwin Renn: Coping with Complex Risk: New Challenges for Risk Governance			
9:25-10:55 Parallel 3 (1.5 hrs)	P13 Economic Analyses of Risk Reduction, Recovery Policies and Growth 1. Muneta Yokomatsu: Numerical dynamic programming in firm's activities in consideration of varies disaster scenarios 2. Zhuorong Ying: The impact of meteorological disasters on the economic growth of China 3. Joanne Linnerooth-Bayer: Insurance and climate risk reduction 4. Hochrainer-Stigler, Stefan Optimal design of insurance contracts under model ambiguity 5. Yasuhiro Akakura: Economic Loss Assessment of port	P14 Culture, organization and public policy: how to communicate uncertainties and risk information 1. Mika Shimizu Culture, Organization and Public Policy: How to Communicate Uncertainties and Risk Information 2. James Goltz Operational Earthquake Forecasting: A Risk Communication Challenge 3. Allen Clark Culture, Uncertainty and Risk: Why we are unprepared for Disasters 4. Ana Maria Cruz Challenges in risk information disclosure in the context of Natech hazards 5. Asthildur Elva Bernhardsdottir	P15 Risk perception and behavior 1. Lujala Paivi: Norwegian perceptions of climate change: the role of extreme events and personal experiences 2. Peng Tao: Towards a Politics of Disaster Response: The Factors that Affect Chinese Presidential Disaster Risk Perceptions, 1998–2012 3. Mamoru Yoshida: The relationship between evacuation preparedness and evacuation intention 4. Samaddar Subhajyoti: We Feeling" in Community Based Disaster Risk Management: Can We Integrate Mind, Self and Community?	P16 Disaster and risk management 1. David Alexander: Theory for understanding and managing cascading disasters 2. Moreira Nuno New challenges for National Meteorological Services in issuance of warnings and risk communication (44) 3. Suzanne Lacasse: Hazard and risk management for natural threats – An engineer's viewpoint 4. Matt Dorfstaetter: Disaster risk assessment as tool to establish sustainable transdisciplinary multi-stakeholder disaster management governance structures



UNIVERSITY OF
ICELAND



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	<p>logistics stagnation due to disasters</p> <p>6. Per Danielsson: Coastal vulnerability index for erosion</p>	<p>Dealing with uncertainty and risk communication: the influence of culture</p> <p>6. McLean, Andrew Intra-organizational risk communication- a survey of small island developing states.</p>	<p>5. Brenda Murphy: Knowledge mobilization: Influencing climate change knowledge, attitudes and behaviors</p> <p>6. Reichardt, Uta: Ash clouds over Europe: Volcanic ash scenarios and potential impacts on air traffic</p>	<p>5. Arian-Moghaddam</p> <p>The fire induced collapse of Plasco building; lessons for future</p> <p>6. Tobler, Daniel</p> <p>Prospective hazard indication map and sophisticated monitoring concepts</p>
10:55-11:15	Coffee			
11:15-12:45 Parallel	<p>P17</p> <p>Understanding landslides and avalanches</p> <p>1. Cesare Alippi: Landslide and rock-fall monitoring systems. What we have learned and why we need intelligent functionalities.</p> <p>2. Unni Eidsvig/Marco Uzielli: Temporal evolution of landslide risk for the municipality of Nocera Inferiore, Italy under the effect of climate changes.</p> <p>3. Bipin Peethambaran: Landslide Hazards and Haphazard</p>	<p>P18</p> <p>Natural hazards and Risk Assessment</p> <p>1. Gao Yuan: Global drought risk assessment based on the irrigation scenarios: a case study of winter wheat</p> <p>2. Xu Ying Jun: Assessment and analysis of typhoon disaster in Hebei province, China</p> <p>3. Baradaranshoraka Mohammad: Hurricane wind versus storm surge damage in the context of risk prediction model</p> <p>4. Lacasse Susan Liu Zhongqiang not attending: Multi-hazard assessment -</p>	<p>P19</p> <p>Climate change adaptation</p> <p>1. Jose A. Marengo: An Integrated Framework to Analyze Local Decision Making and Adaptation to Sea Level Rise in Coastal Regions in Selsey (UK), Broward County (USA), and Santos (Brazil)</p> <p>2. Daniel Tobler: Land use planning and adaptation to climate change – Switzerland breaks new ground</p> <p>3. Sonam Sahu: Contriving Development or Controlling Urbanization-</p>	<p>P20</p> <p>Integrated flood risk management</p> <p>1. Emmanuel Pagneux: 100 years of flooding events in five Icelandic catchments: causes, seasonality and impacts.</p> <p>2. Emeline Comby: What kinds of adaptation happens after an internal or external flood event?</p> <p>3. Aleks Rasanen: The role of networks and levels in community flood resilience</p> <p>4. Douwe De Voogt: Participatory flood risk mitigation: implementing community social</p>



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	<p>Urban Expansions in Himalayan Townships.</p> <p>4. Anbalagan Rathinam: Slope Stability Studies along Cut Slopes of Dehradun-Mussoorie Highway, Kumaun Himalaya, India</p> <p>5. Vasudha Gokhale: Coping with unexpected disasters: case of malin landslide, maharashtra state of india.</p> <p>6. Christian Jaedicke: Snow avalanche events in Longyearbyen and what lessons they hold for avalanche risk management</p>	<p>a Bayesian network perspective</p> <p>5. Jiang, Xinyu: Flood risk assessment using generated big rainfall data --- a study in Shonai river basin with d4PDF</p> <p>6.</p>	<p>Priorities for a Developing Metro City in the Changing Climate?</p> <p>4. Atte Harjanne: A country without disasters? Managing disaster and climate risks in a Nordic welfare state</p> <p>5. Antonio Carlos Oscar Jr.: Governance of climate change risk at the regional level: The cases of Santos and Rio de Janeiro Metropolis (Brazil)</p> <p>6.</p>	<p>capacity building in Borgharen and Itteren, Netherlands.</p> <p>5. Irene Pluchinotta: Organizational cultures and the creation of a temporary multi-organization for environmental emergency management: some hints from a flash-food emergency in Lorca, Spain.</p> <p>6. Alba Ballester: Public participation for flood risk mitigation in the Arga and Aragon Rivers.</p>
12:50-13:50	Lunch			
14:00-23	Field Trip to Sites of Natural Hazard in Southern Iceland			



UNIVERSITY OF
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Day 3-August 25th

Room Time	1	2	3	4
8:30-9:30	Invited Plenary Lectures Chair: Ana Maria Cruz 1. Denis Mileti: Reducing Delay in Public Warnings 2. Mahesh Prakash: (Data61 and CSIRO) Natural Hazards and Infrastructure: A Data61/CSIRO initiative			
9:40-10:40 Parallel (1 hour session) (YSS max 9 Regular max 4 presentations)	YSS₀₁ Chair: Yoko Matsuda 1. Kong Feng: The spatial pattern of summer extreme precipitation and its response to urbanization in China (1961-2010) 2. Sugiyama Takashi: How to improve ownership in disaster risk reduction for elderly and people with special needs: Observation from indoor Tsunami evacuation drills in Japan 3. Andresen Silje Aurora: In the heat of the moment: a local narrative of the responses to a fire in Lærdal, Norway 4. Nakai Fuko: How vulnerable is the mutual cooperation on their evacuation rule? - assessment of impacts made by evacuees' defections 5. Takenouchi, Kensuke Trial of risk communication	YSS₀₂ Chair: Wei Xu 1. Yue Yaojie: Assessing wild fire risk in Unites States using social media 2. Sun Shao: How to recognize high risk region of climate change? 3. Suarez Maria Camila: Natech RateME: Preliminary stages of a new comprehensive Natech performance rating system 4. Aliperti Giuseppe: Mid-long term impact of Natech disaster on tourism-related activities: A case study from Japan 5. Liang Pujun: The population in the areas with rising trend of storm rainfall in China has increased by 120 million.	YSS₀₃ Chair: Muneta Yokomatsu 1. Nakano Genta: Long term effect of disaster education observed through 2015 Nepal earthquake 2. Hamidzada Marina: Vulnerability of Afghan Women in Disasters: Facts, Challenges and the way forward 3. Prokopf Christine: Against all odds? The development and spread of national level disaster risk analysis in Germany 4. Miyamae Ryohei: Shrinking community remembrance and commemoration: a case of forget-ness of forgetting 5. Judek Clément:	P 21 Vulnerability 1. Eva Streberova: Implementing tools for assessing vulnerability of urban population to climate change risks – example of the co-creation process in Bratislava City (Slovak Republic) 2. Zhang Anyu Study on population exposure change of natural disaster under extreme environment in Tibet 3. Molnár András: Possibilities for mainstreaming social vulnerability into Disaster Risk assessments in Hungary. 4. (Cristina Vasilescu) Alba Ballester presents: Participatory processes for building social capacities for flood



UNIVERSITY OF
ICELAND



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	<p>through the collaboration on weather information</p> <p>6. Huang Dapeng: Agricultural flood risk assessment in China based on sof histogram method</p> <p>7. Daimon Hiroaki: Does 'pay it forward' extend the support chain? : Simulating voluntarism on the post-disaster community in Japan.</p> <p>8. Calovi Martina: A high resolution extreme heat forecasting product based on an analog ensemble of atmospheric model and volunteered geographic information</p> <p>9. Marina Tamara Mendoza: Challenges and opportunities of disaster damage data modeling supporting multipurpose analysis</p>	<p>6. Heimisdóttir Þórhildur: The attraction of active volcanoes in tourism.</p> <p>7. Benyamin Adibzadeh: Opportunities and Challenges for Compulsory Earthquake Insurance in Seismic Developing Countries – Case Study of Iran</p> <p>8. Nemat Mohammadi: Influence of various disaster scenarios assumption to the advance creation of wide-area evacuation plan confronting natural disasters</p> <p>9. Flora Guillier PAPI: how effective is this public policy instrument for building integrated coping capacities with regards to flood risk?</p>	<p>Crisis simulation scenario building methodology that considers the concept of cascading effects for pedagogical and research interest</p> <p>6. Dhungana Nimesh: Between monitoring and mobilizing of community voice: a case of community-based accountability in post-earthquake Nepal</p> <p>7. Koo Bonjun: Development of Collaborative Action Plan for Community Disaster Risk Reduction: Focusing on Air Pollution in Ger Areas of Mongolia</p> <p>6. Charlotte Heinzlef: An observatory for decision-making: measuring and advising on urban resilience</p> <p>7. (#232) Jessica Barnes: Landscape aarchitecture and disaster risk management</p> <p>8. #236 Islam, Mohammad, Post-earthquake mass casualty</p>	<p>risk mitigation: Lessons learnt from five case studies.</p>
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			<p>management in Bangladesh: an assessment of existing health service provider's emergency preparedness</p> <p>9. #230 Ms. Liu, Tingxi, Tourist decision making in post-disaster phase: Analysis of influence effects on subjective norms and media communication</p>	
<p>10:40-12:00</p>	<p style="text-align: center;">Coffee and Poster (YSS and regular posters)</p> <p>YSS (25) see above Regular posters (n=25-30)</p> <ol style="list-style-type: none"> 1. Acharya Anushilan: Land cover dynamics and flood hazard assessment along the rivers of Nawalparasi district from 1991 to 2015 2. Andresen, Silje Aurora: The Political Ecology of Disasters – a case study of the fire in Lærdal, Norway 3. B. O. Santos, Beatriz: Correlation between rainfall episodes and mass movements in Santos, Brazil 4. Berger-Sabbatel, Amandine: Preparedness as a powerful management tool for daily city management 5. De Voogt, Douwe: Diverging flood risk subcultures in public institutions and local communities and implications for flood risk management: the case of Itteren and Borgharen, The Netherlands. 6. Harmadyová, Katarína: Monitoring of Rockfall Hazards at the Devin Castle National Monument 7. Johnson, Kirby: Experience Mapping: A case study in earthquake early warning 8. Karimlou, Keivan: Evaluation the effects of different water supply and consumption management methods on decreasing water consumption in metropolises 9. Li, Ning: Climate instability analysis by joint mode with temperature trend and variability in mainland China 10. Marengo, Jose A.: Climatic characteristics and socioeconomic impacts of the 2010-2016 drought in the semiarid Northeast Brazil region 11. Medina, Angeli: Promoting a culture of healthcare continuity and resilience 12. Montgomery, Hannah: Effects of communitywide Great Shakeout earthquake drills on individuals and households 13. Pagnotta, Maria Giovanna: Evaluation and analysis of flood risk perceptions 14. Rathinam, Anbalagan: Engineering geological problem of urbanization in hill towns: A case study in Kodaikanal, India 			



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	<p>15. Reichardt, Uta: Risk Management of Volcanic Ash in Europe: Cooperation between Science and Aviation Sector Service Providers</p> <p>16. Serrao-Neumann, Silvia: Political agency for disaster resilience in practice: insights from Australian coastal communities</p> <p>17. Simoes, Silvio: 3D model and geovisualization to the monitoring and prediction of landslides</p> <p>18. Soltaninejad, Sslim: A critical rethinking to position of resilience in planning and policy implications: gap of socioeconomic determinates in reconstruction of Iranian post disastrous cities</p> <p>19. Takagi, Akiyoshi: Application 'Disaster Reduction Class' for facilitating self-help and mutual help for disaster prevention and reduction</p> <p>20. Thordardottir, Edda Bjork: Sleep disorders and sleep medication use among Swedish survivors of the 2004 Southeast Asia tsunami</p> <p>21. Torayashiki, Tetsuya: The decrease in tourism and tourism promotion after increased recent volcanic activity in Japan</p> <p>21. VanTwist, Victoria: Effects of communitywide Great Shake Out earthquake drills on organizations</p> <p>22. Yamaguchi, Hironori: Communication-Design for Disaster Risks Through Shopping at a Large-Scale Shopping Center: Transition from Disaster Prevention to Disaster Mitigation</p> <p>23. Yazdanpanah, Masoud Intention of agricultural extension educators to take action toward climate change in Iran</p> <p>24. Yazdanpanah, Masoud Human factors in deployment of biofuel energy production in Iran: studying attitudes of Iranian agricultural professionals towards biofuel production</p> <p>25. Yazdanpanah, Masoud Understanding farmers risk perception through cultural theory lens: A qualitative study</p> <p>26. Yazdanpanah, Masoud Human factors in deployment of biofuel energy production in Iran: studying attitudes of Iranian agricultural professionals towards biofuel production</p> <p>27 Yousuf, Muhammad: Livelihood vulnerability of fishing communities of Balochistan: Insight from Pakistan</p> <p>28. Zhang, Jiansong Review on Progress in Climate Change Risk Study</p> <p>29. Tambo, Ernest Building disaster risk surveillance data sharing and governance in sub Sahara Africa: Opportunities and challenges (#234)</p>			
<p>12:15-13:00 Plenary</p>	<p>Plenary Interview 2 Ms Þóra Arnórsdóttir interviews</p> <p>Science for Resilience</p> <p>Adam Rose, Hirokazu Tatano and Andrew Collins</p>			
<p>13:10-14:10</p>	<p>Lunch</p>			
<p>14:20-15:50 Parallel (1.5 hours)</p>	<p>P22 Best practices in engagement strategies 1.Zetterlund M, Van Well L, and Cederbom</p>	<p>P23 Disaster Risk Reduction and recovery initiatives 1.Raju Emmanuel</p>	<p>P24 Transportation and supply chain 1. Stephanie Chang: Modeling</p>	<p>P25 Migration in anticipation and following disasters</p>



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	<p>C.: End-user engagement in modeling of small-scale precipitation extremes</p> <p>2. Chris Hagar: Strengthening community engagement and resilience efforts in climate change</p> <p>3. Hideyuki Shiroshita: A workshop for digging out the embedded customs for DRR</p> <p>4. Pan Hu: Community-based calculation of flood traveling time.</p> <p>5. Ouejdane Mejri: Disaster risk reduction collective knowledge production: multi hazard and multi scale challenge</p> <p>6. Dóra Hjálmarsdóttir: Municipal utility resilience - Veitur</p>	<p>CCA and DRR: Integration or Divergence? Findings from Denmark</p> <p>2. Sunil Nautiyal: Eroding traditional crop diversity from Indian's Tropical Agro-ecosystems and its socioeconomic and ecological consequences</p> <p>3. Yoko Matsuda: Local construction industries and disaster volunteers - a perspective of CSR enhancement in Japan</p> <p>4. Silvia Serrao-Neuman: Post-disaster social recovery: lessons learnt from Tropical Cyclone Yasi</p> <p>5. Eefje Hendriks: Measuring the effectivity of knowledge exchange after self-recovery in the Philippines</p> <p>6. Rasmus Dahlberg: Making sense of signals</p>	<p>impacts of transport system disruptions on regional supply chains</p> <p>2. Alexandru Ozunu: Assessing hazards and risks from Seveso establishments and hazmat transportation in Romania</p> <p>3. Zahra Safi: On the seismic resilience upgrading strategy for the railway transportation system through evaluation and retrofit of stone bridges – Case study of Iran</p> <p>4. Nazli Yonca Aydin: The role of transportation network resilience on tourism sector</p> <p>5. Banafsheh Alsadat Hashemi: Lines of action for upgrading the seismic resilience of subway transportation systems</p> <p>6. Uta Reichardt: Enhancing Resilience of Air Traffic due to Extreme Volcanic Ash Scenarios: Policy</p>	<p>1. Adam Rose: What influences the destination of disaster migrants? Evidence from Hurricane Katrina</p> <p>2. Shingo Nagamatsu: Building back a better Tohoku from the March 2011 Tsunami - A contradicting evidence</p> <p>3. Makoto Okumura: Statistical analysis of post disaster effects in inter-regional migration</p> <p>4. Tomohiro Ichinose: Land use changes in 100 years and economic damage in Kesenuma City by the 2011 Tohoku earthquake and tsunami</p> <p>5</p> <p>6.</p>
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			Recommendations for Aviation	
15:50-16:10				
Coffee				
16:15-17:45 Parallel (1.5 hours)	<p>P26 Governance and Resilience</p> <ol style="list-style-type: none"> 1. Sabrina Scherzer: A community resilience index for Norway: some critical thoughts 2. Chisato Asahi A multi-dimensional structure of time in peoples sense of livelihood recovery from the Great East Japan Earthquake 3. Bastami Morteza: A quantitative index for earthquake community resilience 4. Zhou Shanshan: Building up a resilient organization through crisis learning 5. Amy Oen: Nature-based solutions: ecological, social and economic resilience for society 6. Richardson, John Translating research into policy and practice: A case study from Australia's Black Saturday Bushfires 	<p>P27 Natural hazards modeling and forecasting</p> <ol style="list-style-type: none"> 1. Jie Zhang: Numerical simulation and diagnostic analysis on a rainstorm in Beijing 7-21 rainfall case. 2. Jean Odry: Implementation of a regionalized French flood quantiles database 3. Mingwei Zhao: Evaluation of mitigation measures for hurricane storm surge damage using an engineering-based method 4. Zhengqing Zhou: Pre-warning System for Storm and Secondary Disasters Based on Multi-Disaster Coupling Prediction Technique 	<p>P28 Infrastructure management</p> <ol style="list-style-type: none"> 1. Dóra Hjalmarsdóttir: The Icelandic Electric Power System resilience 2. Tomoko Okayama: Disaster Toilet Management at the Kumamoto Earthquake in Japan 3. Yolanda A. Hernandez: Restoration of the water distribution networks in Japan after recent earthquakes 4. Dmiry Reznikov: Robustness and resilience of critical infrastructures 5. David Bristow: Municipality-wide multi-infrastructure earthquake recovery modeling 	<p>P29 Emergency Planning and Response</p> <ol style="list-style-type: none"> 1. Lisbeth Hall: European Multiple Environmental Threats Emergency Network (EMETNET) 2. Thora Kristin: Asgeirsdottir The Reykjavík Municipal Area Community Emergency Management 3. Michinori Hatayama: A Study on an identification method of shelters and its application for disaster response activities - Case study in Kumamoto Earthquake 4. Yvonne Rademacher: Community disaster management resources: the capacity test 5. Eizo Hideshima: Evaluation of wide-area evacuation plan for storm surge based on disaster scenarios



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IDRiM 2017-Program (Draft – Subject to change)

8th Conference of the International Society for Integrated Disaster Risk Management in cooperation
with NORDRESS Nordic Centre of Excellence

Dimensions of Disaster Risk Reduction and Societal Resilience in a Complex World

August 23 – 25 2017, Reykjavík, Iceland

		5. Abdolreza S. Moghadam: Resilient seismic systems; necessities and challenges. 6. Soley Kaldal: Preparing for zero frequency events	6. Satoshi Tsuchiya: An economic impact analysis due to local block of a major highway network	6. Yazdanpanah Masoud: Knowledge of wheat grower's regarding climate change in western Iran: in structural equation modeling
	Plenary Closing session			
17:50-18:20	Student Awards Ceremony			
18:20-18:30	Introduction of IDRiM 2018			
18:30-19:15	Wrap-up Panel			
	Chair: Ana Maria Cruz			
19:15-19:30	Adam Rose, Mahesh Prakash, Denis Mileti, John Richardson, Magnus Tumi Gudmundsson			
	Closing: Gudrun Petursdottir/ Adam Rose			



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