IDRiM 2021 Draft Program Virtual

PDT (Los)	EDT (NY)	CEST	BT (India)	IST		Day 1 - 22 Sep				
PDT (Los)	EDT (NY)	CEST	BT (India)	IST						
22 Sep	22 Sep	22 Sep	22 Sep	22 Sep						
3:00am 3:30am	6:00am 6:30am	12:00pm 12:30pm	15:30pm 16:00pm	17:00pm 17:30pm	30min	**Opening Ceremony** **MC:** *Ana Maria Cruz* **Welcome** : *Ana Maria Cruz* , President, IDRiM Society **Greeting** : *Eiichi Nakakita* , Represent of Local Host, Director of DPRI, Kyoto University **Overview explanation** : *Hirokazu Tatano* , Head of IDRiM2021 Local organizer				
					30min	Break (Breakout rooms)				
3:30am 5:00am	6:30am 8:00am	12:30pm 14:00pm	16:00pm 17:30pm	17:30pm 19:00pm	120min	**Session 1-1** **Flood risk management** **Chair** : *Ho Jinw*	**Session 1-2** **DRR Innovation, Planning, and Implementation** **Chair** : *Nishikiori Sawada*	**Special Session 1** **Making Resilience Measures Innovative based on Infrastructure Resilience Framework** **Chair** : *Masanobu Ohdaki*	**Special Session 2** **Economic Analyses of Risk Reduction, Recovery Policies and Growth** **Chair** : *Masaru Yokomatsu*	
					30min	Break (Breakout rooms)				
5:00am 6:30am	7:30am 9:00am	13:30pm 15:00pm	18:00pm 19:30pm	19:30pm 21:00pm	60min	**Keynote Speech 1 (30min@2)** **MC:** *Elizabeth Krausmann* "20 Years of Integrated Disaster Research : Past Achievements and Future Directions" Two decade-long journeys of IDRiM Society: Looking back and looking ahead *Naoto Okada, Kwansei Gakuin University, Japan* Looking Back and Looking Forward; Nature-based solutions for integrated disaster risk management *Joanne Linnerooth-Bayer, Program Director of the Risk and Resilience (RISK) Program, IIASA, Austria*				
					30min	Break (Breakout rooms)				
7:00am 8:30am	10:30am 11:30am	16:00pm 17:30pm	19:30pm 21:00pm	21:00pm 22:30pm	90min	**Panel Discussion I** **MC:** *Ana Maria Cruz* "Looking back for 20years of IDRiM" Panelists: *Andrew Collins, Bijay Anand Misra, Mohsen Ashtiany, Adam Rose, Hirokazu Tatano, Peijun Shi*				

PDT (Los)	EDT (NY)	CEST	BT (India)	IST		Day2 - 23 Sep				
PDT (Los)	EDT (NY)	CEST	BT (India)	IST						
23 Sep	23 Sep	23 Sep	23 Sep	23 Sep		Greetings				
						YSS **Oral Presentation (@5min Presentation + 2min Q&A)**				
14:00pm 15:30pm	17:00pm 18:30pm	23:00pm 0:30am	2:30am 4:00am	5:00am 7:00am	120min	Room1 Chair : Miranda Fitzwatkins Investigating the use of Boulders for Disaster Risk Reduction Efforts in Japan Yuki Ooka Earthquakes and Community Climate Resilience in changing Climate in Mountain Watershed in Nepal Swapna KC A Workshop for Managing "Bitter-to-do" Conflicts in the Recovery Period after a large-scale Earthquake Yo Matsubara Estimation of industry and regional impact of COVID-19 Pandemic in China based on a Multi-RHD Model considering backward linkage effect Jingli Wang Comparative History of Cities with Frequent Disasters: Morphological Transformation and Urban Planning after Catastrophic Tsunami and Flood Disasters Hiroe Kosaki Building Hospital Resilience to Infectious Diseases Risk through Intensive Cohort Monitoring. The case of Prevention of Mother to Child Transmission (PMTCT) of HIV at Bringh Volume Site in the Centre Region of Cameroon. Mark Quesnel Mallle Rethinking the Build Back Better Initiative in Post Disaster Relocation and Rehabilitation. Ma Rodolfo Aguilar Identifying Vulnerable Regions and Sectors to Flood Disaster in Hebei Province using Mixed MRIO Model and Numerical Simulation Tian Lin Identities in disasters: implications for governance Lorenzo Hill	Room2 Chair : Mark Ashley Parry Flood mitigation analysis with low impact Development technologies based on Urban Planning scenarios using SWMM & Mike Urban in Yokohama City, Japan Mizuki Kobayashi Understanding the impact of SHI (Urban Heat Island) and water stress on Vulnerability through spatial data analysis Piyush Kumar Identifying Loss Spreading Path of Flood Disaster Based on Complex Network Analysis Yuan Pang Heatwave-related health impacts in Japan Jiong Ye Flood Impacts of Hurricanes and COVID in Caribbean and Central American Countries Minhan Zhu Flooding Innovations in Vietnam: Rainfall Forecast during Large Populous for Better Early Warning Policies Sabare Thagalgedre Rapid and Accurate System of Building Damage Investigation Using Automatic Method to Calculate Roof Damage Rate Yasmin Kaifai Research on the natural disaster risk model of disaster warning information on online social networks Anping Chen Research Actuals and Transition of Identity: A Game Theoretic Approach to a Behavioral Analysis Under the COVID-19 Pandemic Sabare Thagalgedre Increased dust aerosols in the high troposphere over the Tibetan Plateau from 1990s to 2000s Jingjia Peng Landslide lake outburst floods accelerate downstream hydrologic response Xiaoxian Tang A warming climate may induce health risks of hypoxia on the Qinghai-Tibetan Plateau Yongxing Chen Modelling of Transportation Systems Robustness in High Altitude Region Kaiki Tang Advances and Prospects of Liverdock Snow Disaster Mechanism and Risk Assessment Wei Hong The Effects of Permafrost Degradation on Geological Hazards in Typical Areas on the Qinghai-Tibet Plateau Yuting Chen	Room3 Chair : Shin Ae Disaster impacts with a positive frictions of urban planning after the Chiba tsunami Satoshi Matsuda Impact estimation of flooding in Ibaki City based on the mesh-multiregional I-O model Ryoji Jin Estimating Post-disaster Recovery Process in Industrial Sectors: A Case Study of the 2011 Great East Japan Earthquake Xuan Ge Mapping earthquake-affected populations based on multi-source data and machine learning Xiaoyan Liu Detecting Anomalies in Volcano Activity Forecast during Large Populous for Better Early Warning Policies Sabare Thagalgedre Rapid Assessment of Multi-Infrastructure Systems –Proximions and Timeliness Yoshihiro Hamada Regional Recovery of Multi-Infrastructure Systems –Proximions and Timeliness Yoshihiro Hamada Socio-Economic Impacts and Complex Future Operations using special integrated Sector Models combining Systems Risk Analysis and Roadblock Operations Stefan Pickl	Room4 Chair : Hamilton Bean Analysis of Regional Resilience to "Special Early Warning Information" on the Nankai Trough Earthquake Takashi Sugiyama More evidence on the risk mitigation puzzle: Can house of cards help out where most other measures of risk attitudes cannot? Thomas Dudek Measuring Methods for Studying Causal Effects of the Flood Hazard Map on Population Xiao Lichao Constructing Functional Fragility Curve for Business Sectors in the Situation of Extraordinary Floods ~~ A case study of Ibaraki City, "1-17" Flood Disaster Kuang Mo Social Actuals and Transition of Identity: A Game Theoretic Approach to a Behavioral Analysis Under the COVID-19 Pandemic Sabare Thagalgedre Research on Disaster Risk Governance and Hospital Safety in India Neha Zaveri Estimation of Permafrost Degradation on Geological Hazards in Typical Areas on the Qinghai-Tibet Plateau Yuting Chen	Room5 Chair : Angel Medina A Cross-Cultural Understanding of Work-life Balance during the Pandemic Wuthichai Chalitip Social vulnerabilities and disaster risk perceptions in Japan Yasuo Mizouchi The challenges achieving UN SDG 5 on Gender Equality during COVID-19 pandemic Olga Pilkington Women having the World: Representations of Female Practitioners in Disaster Films Ashley Allen Disaster as a window of opportunity for whom? Winners and losers of disaster recovery in Greece Amanda Dandoulaki Mainstreaming of Gender Equality during the COVID-19 Pandemic in the United Kingdom Mark Ashley Parry	Special Session 6 Estimating indirect disaster losses by accepting a catastrophe model with an agent-based model at a high resolution Takashi Hamada Transformation needs for systemic risk management Anna M. Dowell Systemic Risk and Network Dynamics Stefan Hochrainer-Stigler Governance of Systemic Risks – lessons from the COVID-19 Pandemic Pia Johanna Schweizer
					30min	Break (Breakout rooms)				
5:00am 6:30am	7:30am 9:00am	13:30pm 15:00pm	18:00pm 19:30pm	19:30pm 21:00pm	60min	**Keynote Speech 2 (30min@2)** **Chair:** *Andrew Collins* Making Health Emergency and Disaster Risk Management as Everybody's Business *Quahia Hudo, Head of Disaster Risk Management and Resilience Unit in the Health Emergency Program, World Health Organization Headquarters, Switzerland* The real economic impact of natural disaster: accounting for distributional impacts and implications for poverty *Stephane Hallegatte, lead economist of the World Bank, USA* A Systems Dependency Perspective for Individual, Compound and Systemic Risks *Stefan Hochrainer-Stigler, senior research scholar with the Systemic Risk and Resilience (SIRIUS) research group, IIASA, Austria*				
					30min	Break (Breakout rooms)				
6:30am 7:30am	9:30am 10:30am	15:30pm 16:00pm	19:00pm 20:00pm	21:30pm 22:30pm	60min	**Panel Discussion II** **Chair:** *Ilan Chabay* "Explore areas that are important but not yet fully addressed" Panellists : *Quahia Hudo, Liying Tang, Yoshiyuki Yama, Stefan Hochrainer-Stigler, Myriam Merad, Stepanie Hallegatte*				

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PDT (Los)	EDT (NY)	CEST	BT (India)	IST						
23 Sep	23 Sep	23 Sep	24 Sep	24 Sep		Greetings				
15:00pm 16:00pm	18:00pm 19:00pm	0:00am 1:00am	3:30am 4:30am	7:00am 8:00am	60 min	**Keynote Speech 3-1 (20min@3)** **MC:** *Yoshio Kajitani* Inequalities in Climate Change-Fuelled Flooding during Hurricane Harvey in Harris County, Texas: A climate change attribution study *Ilan Noy* **(2019 Research Award Winner)**, *Victoria University of Wellington, New Zealand* Cascading disasters: Improving our understanding of interacting and interconnected risk *William Sarabia* **(2019 Implementation Science Awardee)**, *California Polytechnic State University, USA* Economic Impact Assessment of Disasters: current status and future challenges *Hirokazu Tatano* **(2020 Research Award Winner)** , *DPRI, Kyoto University, Japan*				
					15min	Break (Breakout rooms)				
16:15pm 17:15pm	19:15pm 20:15pm	1:15am 2:15am	4:45am 5:45am	8:15am 9:15am	120min	**Session 5-1** **Hazards, Exposure, and Vulnerability** **Chair** : *Fabio Nakar* Quantitative Prediction of Outbound Flood-Induced of the Shoujiang "8.4" Dedong Flow Barrier Dam in Western China Yu yi Tang Study of population exposure to extreme heat and the prediction of disaster index in Xi'an Weiqian Tang Landslide hazard knowledge and risk perception in mountainous community in Japan – Case study on Shikoku island village Yasmin Shaw Kaifai Re-Evaluation of "big data" as a major solution to improve disaster risk prevention processes Myriam Merad	**Session 5-2** **Implementation science** **Chair** : *Ilan Noy* Maintaining vigilance is critical and challenging for disaster risk management: it differs lessons in implementation science. Part: in SMART governance can bridge the gap between two types of vigilance: Evidence concerning implementation Marie Dhesia Maintaining vigilance is critical and challenging for disaster risk management: it differs lessons in implementation science. Part: in SMART governance can bridge the gap between two types of vigilance: Evidence concerning implementation Marie Dhesia Open Science in Seismology: The Role of Citizen Science in the Transition from Seismic Observatory to Science Museum Francesco Vannier Thinking Service Design for Improvements in Emergency Preparedness and Response: Cases from Pakistan (Lahore, the Punjab and Azad Jammu and Kashmir, AJK) and the International Emergency Team UK Masood Haider Situated visual ethnography for the diverse reality of action research Sandra Nakano		**Special Session 9** **Multi-Public Alert and Sharing in the United States and Japan: Exploring Shared Challenges and Key Differences** **Chair** : *Hamilton Bean* Panelists *Ana Maria Cruz* *Mika Shimizu* *Keri Stephens* *Matthew McGlone*	**Session 5-3** **Regional Coordination and Recovery** **Chair** : *Jaime Hong* Quantifying COVID-19 recovery through human mobility: A case study of Wuhan Baoqian Su Managing the risks of the Coronavirus pandemic : the case of the Mediterranean island of Menorca Josep Pastrana Responding to Future Compound Disasters: Consideration from COVID-19 Cases in Japan's Urban Areas Yuki Ohba COVID-19 Pandemic: A Toll on Southeast Asian Economy and Public Health Angel Medina	
					15min	Break (Breakout rooms)				
18:30pm 20:00pm	21:30pm 23:00pm	3:30am 5:00am	6:00am 9:00am	10:30am 12:30pm	120min	**Session 6-1** **New insights based on disaster-econometric** **Chair** : *Naoko Nagatani* A REMODELED SUPPLY CHAIN DURING THE KERALA FLOODS OF 2018 AND THE CHALLENGES WITHIN (A function of Force-related Challenges and Emergent Crises) Pamela Nagda Structure Decomposition of Annual Disaster Impact Statistics Twelve Years for 47 Japanese Prefectures Nobuzo Okumura Changes in Service Elasticity of Travel Demand during Disaster: A new indicator of place transition Rui Sugiki Creatively Destructive Hurricanes: Do Disasters Spark Innovation? Ian Noy Societal Impact Estimation Due to Water Infrastructure Disruptions: An Individual's Activity Chain Analysis Jingsheng Yang	**Session 6-2** **Disaster Recovery and Build Back Better** **Chair** : *William Dembinski* The effects of managed-retreat (red zoning) on the relocated households in New Zealand Mary Hoang Transition of Post-disaster Housing of Rural Households: A Case Study of the 2015 Gorkha Earthquake in Nepal Mayuka Kodama Post-Earthquake Housing Reconstruction in Lisha Tanakoshi & Rural Municipality: Lessons to be learned Bijaya Bhandari Rebuilding local community in disaster affected regions : Lessons to be learned from the Fukushima nuclear accident Michio Nishiawa	**Session 6-3** **Culture / society and disaster risks** **Chair** : *Koen Bridgeman* Perspectives in disaster memory and material culture: Flood-level markers as a tool for disaster awareness? Yoonsun Jahanshai Incorporating indigenous concerns in disaster research and management: reclaiming knowledge from national digital assets Sally Davis Exploring stakeholders' perspectives on categorizing disasters and disaster impacts Takyuki Shiraishi	**Session 6-4** **Disaster risk governance** **Chair** : *Johan Kumar Roy* The Nepal's Anti-elite: Radicalization of social meanings introduced to disaster preparedness by massive tourists individualism Hiroshi Daimon Better Risk Governance in the strategic path ahead for Disaster Management effort Bijay Anand Misra Study on "RATE" for facilitation in disaster prevention activities of local communities Tai-yuang Yi	**Special Session 10** **Integrated natural disaster risk in the highly elevated urban chain effects/cascading events in a changing climate** **Chair** : *Fu Tao* Increased dust aerosols in the high troposphere over the Tibetan Plateau from 1990s to 2000s Jingjia Peng Landslide lake outburst floods accelerate downstream hydrologic response Xiaoxian Tang A warming climate may induce health risks of hypoxia on the Qinghai-Tibetan Plateau Yongxing Chen Modelling of Transportation Systems Robustness in High Altitude Region Kaiki Tang Advances and Prospects of Liverdock Snow Disaster Mechanism and Risk Assessment Wei Hong The Effects of Permafrost Degradation on Geological Hazards in Typical Areas on the Qinghai-Tibet Plateau Yuting Chen
					30min	Break				
20:30pm 22:00pm	23:30pm 25:00pm	5:30am 7:00am	8:00am 11:00am	12:30pm 14:30pm	120min	**Session 9-1** **Sustainable development and DRR** **Chair** : *Lorenzo Kogel* Geographically Weighted Regression analysis to support tourism-sensitive tsunami mitigation planning Kenzo Bhattacharyya Strengthening urban resilience through green-building Sandra Adam Adam Ibrahim Impact of Thoughts on Banks' Non-Performing Loans: A Study of Banks' Agricultural Loan Portfolio Emilyne Kamui Disaster Risk Reduction, Jamii Urban Intervention, Investigation through the Optimal Land-Use Model Yuko Nakai	**Session 9-2** **DRR tools and techniques** **Chair** : *Marshall Rossiter* Diverse uses of Nige-Tora, a smartphone application for tsunami evacuation drills Haiyang Jan A Framework for Disaster Risk Management Targeted to Risk Sensitive Land-Use Planning Abhishek Pathribalan Evacuating vulnerable people during a tsunami disaster in Japan: An experiment using wheelchairs Masahiro Ohtiko Parallel World Information Management in Crisis Response Michinori Hatayama	**Special Session 11** **What is the role of young scientists in making the IDRiM society progress?** **Chair** : *Mark Ashley Parry* **Co-Chair** : *Robyn Miller* **** This session is interactive session**** ***After speaker have spoken, the audience will then be allowed to join the conversation.*** Speakers: *Munetsi Yokomatsu* *Funda Atun-Girgin* *Hiroaki Daimon* *Mark Ashley Parry*	**Special Session 12** **Comprehensive Natech Risk Management** **Chair** : *Adriana Keating, Elizabeth Krausmann* Are Natech accidents Black Swans? Elizabeth Krausmann Quantitative Seismic-triggered oil spill fire hazard assessment for Natech risk reduction Emmanuel Nieto Understanding Cold Weather-related Natech Events: An Analysis of Those Events Caused by the Winter Storm Uri Xiaoxiang Lee Development of a mechanical model to evaluate non-reduced flow fire impacts to avoid damage on pipelines based on the historical data from the Mocoa (Colombia) debris flow of 2017 Yu Tang	**Special Session 13** **Health Emergency and Disaster Risk Management and COVID-19** **Chair** : *Andrew Collins* Overview of Health IDRM and COVID-19 Angelica Murray Impact of WHO Kobe Centre and health emergencies Marina Kaneko Introduction to the need for research and Research Methods: Social and related resources Mika Clack Current Status and Issues of Information Sharing in Disaster Response in Japan : Information Linkagetip "SPIDER" Takashi Kiji Managing Cascading Disaster Risks under Uncertainties : Case of the Great 311 in Japan through Resilience Perspectives Yoshio Arai	**Session 7-1** **Social learning and collaborative risk management** **Chair** : *Hirokazu Tatano* Is there anything we can learn from disasters and major accidents? Systems deficiencies and incentives Nobuo Mimuro Co-creating resilience an inclusive multidisciplinary challenge Ilan Chabay Fundamental Problems of Evacuation Shelter Management in Japan and Related Issues Yuya Hakozaki Current Status and Issues of Information Sharing in Disaster Response in Japan : Information Linkagetip "SPIDER" Takashi Kiji Managing Cascading Disaster Risks under Uncertainties : Case of the Great 311 in Japan through Resilience Perspectives Yoshio Arai
					30min	Break (Breakout rooms)				
6:15am 7:15am	7:15am 8:15am	13:15pm 14:15pm	16:45pm 17:45pm	20:15pm 21:15pm	60min	**Keynote Speech 3-2 (20min@2)** **MC:** *Naoko Okada* The Expanding Realm of IDRiM : Perception & Decision Making; Prospects & Benchmark Action in the Changing Global Disaster Risk Scenario *Bijaya Nand Misra (2019 Implementation Science Awardee), Professor Emeritus, School of Planning and Architecture New Delhi, India* Future challenges for effective implementation of Disaster Risk Science *Mohsen Ghafory-Ashtiany(2020 Implementation Science Awardee), International Institute of Earthquake Engineering and Seismology (IIEES), Iran*				
					30min	Break (Breakout rooms)				
9:00am 9:30am	9:00am 9:30am	16:00pm 16:30pm	17:30pm 18:00pm	21:00pm 21:30pm	90min	**Panel Discussion III** **MC:** *Dilinga Nagamatsu* "Challenges of Integrated Disaster Science for upcoming decade" Panelists : *Junko Machouki, Hamilton Bean, Funda Atun-Girgin, Gentia Nakano, Gunhajuet Samadhiir, Mark Ashely Parry, Koeri Kitagawa*				
					15min	Break (Breakout rooms)				
6:45am 8:00am	9:45am 11:00am	15:45pm 17:00pm	19:15pm 20:30pm	22:45pm 24:00pm	75min	**Plenary Session** **Chair** : *Joanne Linnerooth-Bayer* **and** *Elizabeth Krausmann* "Looking Forward : Strategic Plan of IDRiM Society" Panelists : *Joanne Linnerooth-Bayer, Elizabeth Krausmann, Ana Maria Cruz, Dimitrios Tsitoulios, Maria Camila Suarez Paba, Matt Darfastehr, Naria Okada, Hirokazu Tatano*				
8:00am 8:30am	11:00am 11:30am	17:00pm 17:30pm	20:30pm 21:00pm	24:00am 24:30am	30min	**Closing Ceremony** **MC:** *Hirokazu Tatano* **YSS Awards / IDRiM awardee ceremony / Announcement of IDRiM2022 / Closing Remarks**				

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23 Sep	23 Sep	23 Sep	23 Sep	23 Sep						
7:30am 9:30am	10:30am 12:30pm	16:30pm 18:30pm	19:30pm 21:30pm	23:00pm 25:00pm	120min	**Special Session 14** **Risk Governance of Disaster** **Chair** : *Guillermo Mendoza* Demand for fixed-price multi-year contracts: Experimental evidence from insurance decisions Thomas Dudek Development of Business Interruption (BI) Curves for SMEs after the 2007 Earthquake in Sanjyo-e Zabuki, Iwa Masaaki Wakamatsu New Zealand firm investment following the Canterbury Earthquake sequences 2010-2011 Qian Tu Model Diagnosis, Socio-Economic Impacts and Complex Future Operations using special integrated Sector Models combining Systems Risk Analysis and Roadblock Operations Stefan Pickl	**Session 8-1** **Issues in and Mechanisms for Epidemics Disease Management** **Chair** : *Angel Medina* Resilience against Pandemics through Urban – Rural Linkages Hiroshi Daimon Some lessons from the COVID-19 crisis in the French context: crisis governance and science-based decision-making Hervé Rakotomalala Probabilistic Estimation of the Spread of COVID-19 Considering the Vaccination and Social Distancing Masaaki Wakamatsu	**Special Session 8** **Participatory Research in Humanities and Social Sciences – an initiative to open up IDRiM transdisciplinary dialogues** **Chair** : *Marie Claire Dorsouna*		
					30min	Break (Breakout rooms)				
8:30am 9:30am	11:30am 12:30pm	17:30pm 18:30pm	20:30pm 21:30pm	24:30am 25:30am	60min	**General Assembly** **MC:** *Hirokazu Tatano* **Chair :** *Ana Maria Cruz*				
					30min	Break (Breakout rooms)				
9:30am 11:00am	12:30pm 14:00pm	18:30pm 20:00pm	21:30pm 23:00pm	25:30am 27:00am	90min	**Session 8-2** **Integrated Disaster Risk Reduction** **Chair** : *Kalanga Samaki*	**Special session 1** **Building Resilient Urban Communities (SMeCoC) Case studies from India** **Moderator** : *Funda Atun-Girgin, Andre Sharma*	**Session 8-3** **Economics of Disaster** **Chair** : *Laurie Macdonald*	**Session 8-4** **Disaster Risk Governance** **Chair** : *Johan Kumar Roy*	**Special Session 15** **Social learning and collaborative risk management** **Chair** : *Hirokazu Tatano*
9:30am 11:00am	12:30pm 14:00pm	18:30pm 20:00pm	21:30pm 23:00pm	25:30am 27:00am	90min	Disaster risk reduction reconsidered Kalanga Samaki BECAUSE-type Co-learning Practice for Enhancing Local Disaster Resilience Yuki Ohba Overview of 20 years of research and initiatives in the field of disaster risk reduction in France Myriam Merad Vulnerability and resilience in post-disaster temporary housing: An integrated approach Sacip Sevdaliel Resilience Dividends through transdisciplinary risk mapping and capacity building codes Maurizio Arnaldo Catapulting nature onto the agenda: opportunities and barriers of nature-based solutions Lorenzo Kogel	Socio-Ecological Resilience of Peri-Urban Coastal Areas. Climate Change and its Impact on Urban Peripheries of Mumbai Sandra Echeverri Low-income residents' strategies to cope with urban heat – findings from India and Austria Tim Ahmed Green and Blue Infrastructure (GBI) for Climate Responsive Planning: A Case of Navi Mumbai City, India Vibhanjayamar Ramanuchity Role of Cultural Heritage in Conservation of Natural Environment Amongst the Indigenous Communities of Kullu Region, Himachal Pradesh, India Tawasha Gaur Increasing Children's Awareness of Flood Risk: Parajo Island, Mumbai, India Funda Atun-Girgin	Demand for fixed-price multi-year contracts: Experimental evidence from insurance decisions Thomas Dudek Development of Business Interruption (BI) Curves for SMEs after the 2007 Earthquake in Sanjyo-e Zabuki, Iwa Masaaki Wakamatsu New Zealand firm investment following the Canterbury Earthquake sequences 2010-2011 Qian Tu Model Diagnosis, Socio-Economic Impacts and Complex Future Operations using special integrated Sector Models combining Systems Risk Analysis and Roadblock Operations Stefan Pickl	Resilience against Pandemics through Urban – Rural Linkages Hiroshi Daimon Some lessons from the COVID-19 crisis in the French context: crisis governance and science-based decision-making Hervé Rakotomalala Probabilistic Estimation of the Spread of COVID-19 Considering the Vaccination and Social Distancing Masaaki Wakamatsu	Introduction: Yoshiyuki Yama, Naoto Okada Presentation: Resilience in a Collaborative Ethnography of Disaster Kaoiki Takaya
					30min	Break (Breakout rooms)				
11:00am 12:30pm	14:00pm 15:30pm	20:00pm 21:30pm	23:30pm 25:00pm	27:00am 28:30am	90min	**Session 8-5** **Health Emergency and Disaster Risk Management and COVID-19** **Chair** : *Andrew Collins* Overview of Health IDRM and COVID-19 Angelica Murray Impact of WHO Kobe Centre and health emergencies Marina Kaneko Introduction to the need for research and Research Methods: Social and related resources Mika Clack Current Status and Issues of Information Sharing in Disaster Response in Japan : Information Linkagetip "SPIDER" Takashi Kiji Managing Cascading Disaster Risks under Uncertainties : Case of the Great 311 in Japan through Resilience Perspectives Yoshio Arai	**Session 8-6** **Issues in and Mechanisms for Epidemics Disease Management** **Chair** : *Hervé Rakotomalala* Resilience against Pandemics through Urban – Rural Linkages Hiroshi Daimon Some lessons from the COVID-19 crisis in the French context: crisis governance and science-based decision-making Hervé Rakotomalala Probabilistic Estimation of the Spread of COVID-19 Considering the Vaccination and Social Distancing Masaaki Wakamatsu	**Special session 9** **Participatory Research in Humanities and Social Sciences – an initiative to open up IDRiM transdisciplinary dialogues** **Chair** : *Marie Claire Dorsouna*	Introduction: Yoshiyuki Yama, Naoto Okada Presentation: Resilience in a Collaborative Ethnography of Disaster Kaoiki Takaya	