

Day 1 : Wednesday, 13 March 2019		Day 2 : Thursday, 14 March 2019		Day 3 : Friday, 15 March 2019											
9:15-10:00	Registration	9:15 - 10:15	<p>Chair: Hirokazu Tatano, Secretary-General, GADRI, and Professor, DPRI, Kyoto University, Japan and Ortwin Renn, Scientific Director, Institute for Advanced Sustainability Studies (IASS), Germany</p> <p>Plenary Session II Fostering Uptake of Science in Governments and Industries</p> <p>Keynote 5 The Role of Science and Technology to Enhance Risk-informed Development for a Resilient and Sustainable Future, Shoko Arakaki, Chief of Branch, Partnerships, Inter-governmental Process and Inter-agency Cooperation, UNISDR, Switzerland</p> <p>Keynote 6 Navigating the European Landscape of DRR – The Case of Data and Socioeconomic Factors, Jörgen Sparf, Associate Professor, Mid Sweden University, Sweden</p> <p>Keynote 7 The Sendai Framework and Science Advice to Governments to Support Implementation – Suggestions on What Works, Virginia Murray, Head, Global Disaster Risk Reduction, Public Health England, UK</p> <p>Keynote 8 Global Risk Assessment Framework (GRAF), UNISDR: Emphasising the Relevance of Disaster Research Institutes – Andrew Collins, Leader, Disaster and Development Network (DDN), Northumbria University, UK</p>	9:15 - 10:15	<p>Chair: Norio Maki, Vice-Director, Disaster Prevention Research Institute (DPRI), Kyoto University, Japan and Mahua Mukherjee, Director, Head and Professor, CoEDMM IIT, Roorkee, India</p> <p>Plenary Session IV New Scientific Challenges to DRR and DRM</p> <p>Keynote 13 Scientific Challenges for Disaster and Risk Governance, Ortwin Renn, Scientific Director, Institute for Advanced Sustainability Studies (IASS), Germany</p> <p>Keynote 14 Closing Gaps Between Scientists and Decision Makers by Creating Demand for Safety as a Basic Human Right, Mohsen Ghafory-Ashtiany, Professor, International Institute of Earthquake Engineering and Seismology (IIEES), I. R. Iran</p> <p>Keynote 15 Taming New Scientific Challenges to Disaster Risk Reduction (DRR) and Disaster Risk Management (DRM) in Africa, Desmond Manatsa, Full Professor, Geography Department, Bindura University of Science, Zimbabwe</p> <p>Keynote 16 Advances and potentials of science and technology in implementation of Sendai Framework, Rajib Shaw, Professor, Keio University, Japan; and Chair, UNISDR Science and Technology Advisory Group (STAG)</p>										
	<p>Chair: Andrew Collins</p> <ul style="list-style-type: none"> Welcome Greetings, Hajime Nakagawa, Director, Disaster Prevention Research Institute (DPRI), Kyoto University, Japan Welcome Address, Juichi Yamagiwa, President, Kyoto University, Japan Welcome Greetings, Tadashi Yamamoto, Mayor, Uji City, Kyoto, Japan 4th Global Summit Overview, Hirokazu Tatano, Secretary-General, GADRI; and Professor, DPRI, Kyoto University, Japan 														
	Group Photograph (A printed copy of the group photo will be available during the Welcome Reception for each participant to sign.)	10:15 - 10:45	Coffee break - Hybrid Space	10:15 - 10:30	Coffee Break - Hybrid Space										
11:00 - 11:30	Coffee Break - Hybrid Space	10:45 - 12:30	<p>Panel Discussion I - Discussion Summaries and Outcomes from Day 1 Group Discussion Sessions - I</p> <p>Chair: Srikantha Herath, Professor and Director, Center for Urban Water (CUrW), Min. Megapolis and Western Development, Sri Lanka and, Yuichi Ono, Professor, International Research Institute of Disaster Science (IRIDeS), Tohoku University, Japan</p> <p>Invited speakers from each group (each member to summarize group discussion session outcomes within 5-8 minutes)</p> <ul style="list-style-type: none"> Presentations by each group member Comments by the panellists Discussion/Comments by the audience 	10:30 - 12:00	<p>Panel Discussion II - Discussion summaries and outcomes from Day 2 Group discussion Sessions II</p> <p>Chair: Shoko Arakaki, Chief of Branch, Partnerships, Inter-governmental Process and Inter-agency Cooperation, UNISDR, Switzerland, and Charles Scawthorn, Professor, Pacific Earthquake Engineering Research Center (PEER), University of California, Berkeley, USA</p> <p>Invited speakers from each group (each member to summarize group discussion session outcomes within 5-8 minutes)</p> <ul style="list-style-type: none"> Presentations by each group member Comments by the panellists Discussion/Comments by the audience 										
11:30 - 12:30	<p>Chair: Kaoru Takara, Dean, Graduate School of Advanced Integrated Studies in Human Survivability (Shishu-kan), Kyoto University, Japan</p> <p>Plenary Session I Listening to Advice and Management of Science Knowledge by Various Stakeholders</p> <p>Keynote 1 Communication between Science and Technology, and Civil societies - Japan's experience regarding the Nankai Trough Earthquake, Setsuko Suya, Director, Disaster Management Bureau, Cabinet Office, Government of Japan</p> <p>Keynote 2 UNESCO's Priorities on DRR Activities with Scientific Partners, Soichiro Yasukawa, Coordinator, Natural Sciences Sector, UNESCO, France</p> <p>Keynote 3 Partnerships for Mainstreaming DRM in Developing Countries, Masato Miyazaki, Special Representative Japan, The World Bank Tokyo Office, Japan</p> <p>Keynote 4 Nation's Synthesis - Concept Design and Implementation, Toshio Koike, Director, ICHARM, Japan</p>	12:30-13:30	Lunch Break	12:00 - 13:30	Lunch Break										
12:30 - 13:30	Lunch Break	13:30 - 14:30	<p>Chair: Tomoharu Hori, Vice-Director, DPRI, Kyoto University, Japan and Paul Kovacs, Executive Director, ICLR, Western University, Canada</p> <p>Plenary Session III Bridging Science and Decision Making through Sharing of Knowledge</p> <p>Keynote 9 Perspectives on Climate Change Impact Assessment and Adaptation, Eiichi Nakakita, Professor, DPRI, Kyoto University, Japan</p> <p>Keynote 10 DesignSafe: a Cyberinfrastructure Available to Disaster Research Institutes, Jean-Paul Pinelli, Head, Dept. Civil Engineering and Construction Management, Florida Institute of Technology (FIT), USA</p> <p>Keynote 11 Disaster Risk Management Knowledge Centre: A Collaborative Approach to Foster Resilience, Elisabeth Krausmann, Principal Scientist, European Commission-Joint Research Centre (EC-JRC), Italy</p> <p>Keynote 12 Infrastructure Resilience: A Framework for Assessment, Governance and Management, Craig Davis, founding Executive Committee Chairperson, Infrastructure Resilience, American Society of Civil Engineering (ASCE), USA</p>	13:30 - 15:00	<p>Closing Remarks</p> <p>Chair: Hiroshi Kawase, Professor, DPRI, Kyoto University, Japan</p> <ul style="list-style-type: none"> Resolution / report to be presented at the Global Platform for DRR, Geneva, 13 to 17 May 2019 Jim Mori, Andrew Collins and Hirokazu Tatano Adoption of the Final Outcomes Global Platform for Disaster Risk Reduction 2019, 13 to 17 May 2019 - Shoko Arakaki 5th Global Summit of Research Institutes for Disaster Risk Reduction 2021 (5thGSRIDRR2021) Elisabeth Krausmann Closing Remarks, Manabu Hashimoto, Director-Elect, DPRI, Kyoto University <p>End of the 4th Global Summit of Research Institutes for Disaster Risk Reduction We thank all of you for your participation and much valued contributions!</p>										
13:30 - 14:30	<p>Chair: Ana Maria Cruz, Professor, DPRI, Kyoto University, Japan</p> <p>GADRI Session - Introduction of Regional Alliances - Showcasing Collaboration and Research: Workflow and Opportunities</p> <ul style="list-style-type: none"> Science Council of Japan (SCJ) - Kaoru Takara North American Alliance for Hazards and Disaster Research Institutes (The North American Alliance) - Jennifer Tobin on behalf of Lori Peek, Charles Scawthorn, and Paul Kovacs African Alliance for Disaster Research Institutes (AADRI) - Desmond Manatsa UK Alliance for Disaster Research (UKADR) - Andrew Collins 2nd World Bosai Forum, November 2019 - Yuichi Ono 5th World Landslide Forum and Kyoto 2020 Commitment - Kyoji Sassa 	14:30 - 15:30	Poster Session II (Hybrid Space) Coordinators: Masamitsu Onishi and Kenji Kawaike												
14:30 - 15:30	Poster Session I (Hybrid Space) Coordinators: Masamitsu Onishi and Kenji Kawaike	15:30 - 16:00	Coffee break - Hybrid Space - Move to each seminar room for Group discussion sessions.												
15:30 - 16:00	Coffee break - Hybrid Space - Move to each seminar room for Group discussion sessions.	15:30 - 16:00	Coffee break - Hybrid Space - Move to each seminar room for Group discussion sessions.												
16:00 - 18:00	<p>Group Discussion Session I : Contributions to Increase the Effectiveness and Relevance of Our Institutes in DRR (Participants are required to select a group discussion session.)</p> <table border="1"> <tr> <td>I-A (SR 4&5): Water and Weather Related Chair: Tetsuya Takemi Co-chairs: Sameh Kantoush, Kenji Kawaike, Wei-Sen Li, Ortwin Renn, Paul Kovacs, Mahua Mukherjee</td> <td>I-B (S-207D): Earthquake and Volcano Disaster Related Chair: Jim Mori Co-chairs: Yoshiaki Ikeda, Hiroshi Kawase, Khalid Mosalam, Soichi Nakajima</td> <td>I-C (S-143D): Geohazard Related Chair: Yuki Matsushi Co-chairs: Masahiro Chigira, Rodrigo Cienfuegos, Indrajit Pal</td> <td>I-D (S-519D): Social Dimension of Risk, and Health and DRM Chair: Subhajyoti Samaddar, Andrew Collins Co-chairs: Yuichi Ono Chair: Virginia Murray (Health and DRM)</td> <td>I-E (SR 1&2): NaTech and Its Cross-cutting Issues Chair: Ana Maria Cruz Co-chair: Elisabeth Krausmann</td> </tr> </table>	I-A (SR 4&5): Water and Weather Related Chair: Tetsuya Takemi Co-chairs: Sameh Kantoush, Kenji Kawaike, Wei-Sen Li, Ortwin Renn, Paul Kovacs, Mahua Mukherjee	I-B (S-207D): Earthquake and Volcano Disaster Related Chair: Jim Mori Co-chairs: Yoshiaki Ikeda, Hiroshi Kawase, Khalid Mosalam, Soichi Nakajima	I-C (S-143D): Geohazard Related Chair: Yuki Matsushi Co-chairs: Masahiro Chigira, Rodrigo Cienfuegos, Indrajit Pal	I-D (S-519D): Social Dimension of Risk, and Health and DRM Chair: Subhajyoti Samaddar, Andrew Collins Co-chairs: Yuichi Ono Chair: Virginia Murray (Health and DRM)	I-E (SR 1&2): NaTech and Its Cross-cutting Issues Chair: Ana Maria Cruz Co-chair: Elisabeth Krausmann	16:00 - 18:00	<p>Group Discussion II: Effectiveness and Relevance of Disaster Research Institutes in DRR - Contributions to World Stakeholders (Participants are required to select a group discussion session.)</p> <table border="1"> <tr> <td>II-A (S-519D): GADRI Contributions to the 2016 Science & Technology Roadmap; and how best could GADRI promote SFDRR 2030 agenda? Chair: Hirokazu Tatano, Shoko Arakaki, Rajib Shaw Co-chairs: Ortwin Renn, Paul Kovacs, Irwan Meilano, Annisa Triyanti</td> <td>II-B (SR 4&5): SDGs, climate change and adaptation - what engagement mechanisms and research linkages are needed to influence research directions among policy makers, governments, localities, media and other groups? Chair: Tetsuya Takemi, Eiichi Nakakita, Srikantha Herath Co-chairs: Yuichi Ono, Soichi Nakajima, Kazuyoshi Nishijima</td> <td>II-C (SR 1&2): Nation's Synthesis: Concept Design and Implementation, and the SFDRR Agenda 2030 – what systemic synthesis can be built? Chair: Toshio Koike, Elisabeth Krausmann Co-chairs: Indrajit Pal, Rodrigo Cienfuegos</td> <td>II-D (S-143D): Research Funding - where is the funding for disaster risk reduction activities coming from and is this invested to the right causes and the areas that are most needing support? Chair: Kaoru Takara, Takahiro Sayama, Subhajyoti Samaddar Co-chairs: Charles Scawthorn, Mahua Mukherjee, Mohsen Ashtiany</td> <td>II-E (S-207D): Data Working Group (DWG) STAG/UNISDR- Action Data in the Implementation of Disaster Risk Reduction - what are the real strengths and weaknesses of data and risk management? Chair: Andrew Collins Co-chairs: Jörgen Sparf, Jean-Paul Pinelli, Sameh Kantoush</td> </tr> </table>	II-A (S-519D): GADRI Contributions to the 2016 Science & Technology Roadmap; and how best could GADRI promote SFDRR 2030 agenda? Chair: Hirokazu Tatano, Shoko Arakaki, Rajib Shaw Co-chairs: Ortwin Renn, Paul Kovacs, Irwan Meilano, Annisa Triyanti	II-B (SR 4&5): SDGs, climate change and adaptation - what engagement mechanisms and research linkages are needed to influence research directions among policy makers, governments, localities, media and other groups? Chair: Tetsuya Takemi, Eiichi Nakakita, Srikantha Herath Co-chairs: Yuichi Ono, Soichi Nakajima, Kazuyoshi Nishijima	II-C (SR 1&2): Nation's Synthesis: Concept Design and Implementation, and the SFDRR Agenda 2030 – what systemic synthesis can be built? Chair: Toshio Koike, Elisabeth Krausmann Co-chairs: Indrajit Pal, Rodrigo Cienfuegos	II-D (S-143D): Research Funding - where is the funding for disaster risk reduction activities coming from and is this invested to the right causes and the areas that are most needing support? Chair: Kaoru Takara, Takahiro Sayama, Subhajyoti Samaddar Co-chairs: Charles Scawthorn, Mahua Mukherjee, Mohsen Ashtiany	II-E (S-207D): Data Working Group (DWG) STAG/UNISDR- Action Data in the Implementation of Disaster Risk Reduction - what are the real strengths and weaknesses of data and risk management? Chair: Andrew Collins Co-chairs: Jörgen Sparf, Jean-Paul Pinelli, Sameh Kantoush	15:00 - 16:30	<p>Transit to Kyoto Station - Hotel Granvia-3F (Guided by Takemi, Matsushi, Nishijima and students)</p> <p>(Recommending participants to take the JR Nara Line train from Obaku Station to Kyoto Station. Train schedule: 15:33, 15:42; 16:03, 16:12, and 16:33)</p>
I-A (SR 4&5): Water and Weather Related Chair: Tetsuya Takemi Co-chairs: Sameh Kantoush, Kenji Kawaike, Wei-Sen Li, Ortwin Renn, Paul Kovacs, Mahua Mukherjee	I-B (S-207D): Earthquake and Volcano Disaster Related Chair: Jim Mori Co-chairs: Yoshiaki Ikeda, Hiroshi Kawase, Khalid Mosalam, Soichi Nakajima	I-C (S-143D): Geohazard Related Chair: Yuki Matsushi Co-chairs: Masahiro Chigira, Rodrigo Cienfuegos, Indrajit Pal	I-D (S-519D): Social Dimension of Risk, and Health and DRM Chair: Subhajyoti Samaddar, Andrew Collins Co-chairs: Yuichi Ono Chair: Virginia Murray (Health and DRM)	I-E (SR 1&2): NaTech and Its Cross-cutting Issues Chair: Ana Maria Cruz Co-chair: Elisabeth Krausmann											
II-A (S-519D): GADRI Contributions to the 2016 Science & Technology Roadmap; and how best could GADRI promote SFDRR 2030 agenda? Chair: Hirokazu Tatano, Shoko Arakaki, Rajib Shaw Co-chairs: Ortwin Renn, Paul Kovacs, Irwan Meilano, Annisa Triyanti	II-B (SR 4&5): SDGs, climate change and adaptation - what engagement mechanisms and research linkages are needed to influence research directions among policy makers, governments, localities, media and other groups? Chair: Tetsuya Takemi, Eiichi Nakakita, Srikantha Herath Co-chairs: Yuichi Ono, Soichi Nakajima, Kazuyoshi Nishijima	II-C (SR 1&2): Nation's Synthesis: Concept Design and Implementation, and the SFDRR Agenda 2030 – what systemic synthesis can be built? Chair: Toshio Koike, Elisabeth Krausmann Co-chairs: Indrajit Pal, Rodrigo Cienfuegos	II-D (S-143D): Research Funding - where is the funding for disaster risk reduction activities coming from and is this invested to the right causes and the areas that are most needing support? Chair: Kaoru Takara, Takahiro Sayama, Subhajyoti Samaddar Co-chairs: Charles Scawthorn, Mahua Mukherjee, Mohsen Ashtiany	II-E (S-207D): Data Working Group (DWG) STAG/UNISDR- Action Data in the Implementation of Disaster Risk Reduction - what are the real strengths and weaknesses of data and risk management? Chair: Andrew Collins Co-chairs: Jörgen Sparf, Jean-Paul Pinelli, Sameh Kantoush											
					<p>Registration - Meeting of the GADRI General Assembly Hotel Granvia Kyoto Station, 3F, Kyoto (Limited to GADRI member institutes. We expect, at least, one member from each GADRI participating institutes to attend this session.)</p> <p>16:30-17:00</p> <p>17:00 - 18:00</p> <p>Chair: Andrew Collins and Hirokazu Tatano</p> <ul style="list-style-type: none"> Introduction of the GADRI Board of Directors and the Advisory Board Disaster and Risk Research: GADRI Book Series Other GADRI Publications Venue for the 5th Global Summit of Research Institutes for DRR in March 2021 										
18:30 - 20:30	<p>Welcome Reception at University Cafeteria, Uji Campus MC: Sameh Kantoush Greetings: Shuichi Yamauchi, Vice-Governor, Kyoto Prefecture, Kyoto, Japan</p>	18:30	<p>Side Event: DPRI Alumni Meeting and Dinner MC: Jim Mori and Hirohiko Ishikawa</p>	18:00 - 20:30	<p>Cultural Performance & Closing Banquet - Granvia Hotel-3F, Kyoto MC: Subhajyoti Samaddar Greetings: Kayo Inaba, Executive Vice-President, Kyoto University, Japan Daisaku Kadokawa, Mayor, Kyoto City, Japan</p>										