



Dealing with Disasters (DwD)

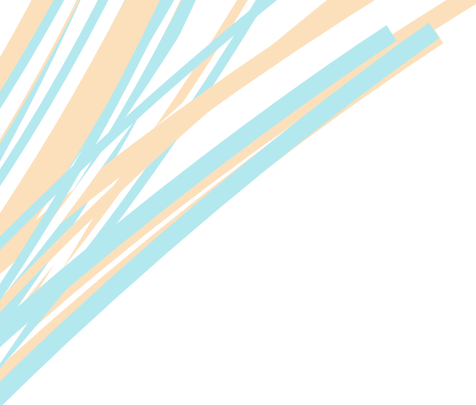
with the 4th Conference
of the International Society for
**Integrated Disaster Risk
Management (IDRiM)**

Conference Programme

**From Opportunity to Action:
Bridging the Gap between Disaster Reduction and Development
through Science(s), Technology and People Centred Actions**

**4 - 6 September 2013
Northumbria University, Newcastle upon Tyne, UK**





Contents

1	Introduction	4
2	Conference Outline	6
3	Conference Programme	
	Day One: Wednesday 4th September	9
	Day Two: Thursday 5th September	13
	Day Three: Friday 6th September	18
	Associated meetings and events at DwD2013 / IDRiM 2013	21
4	Conference Guidelines	
	Oral Presentations	22
	Posters	22
5	General Information	23

1 Introduction

A purpose of the conference is to build on opportunities presented by science and technology, political will and behaviour change in addressing current crises and risks faced by future generations. Whilst knowledge about the nature and context of disasters has proliferated, many potential actions for integrated disaster reduction remain far from realised. The disjuncture between existing opportunities and actions both present and anticipated is a complex problem of the disaster and development nexus. Driven by common objectives of survivability, there is a need to bridge gaps between disaster reduction and development through varied types of science (natural, social and others), technologies and people centric actions. This requires 'smart awareness', motivation and vision to enable combined disaster reduction and sustainable development at local and global levels. The conference aims to address opportunities for action through varied state of the art contributions from disaster science, technology, policy and practice. It is also open to expertise less conventionally recognised within this field intending to stimulate a next generation of ideas and actions for disaster reduction.

This conference combines two well known conference series into one uniquely integrated collaborative event. This builds on collaboration between the Disaster and Development Network (DDN) based at Northumbria University and the International Society for Integrated Disaster Risk Management (IDRiM) with support from multiple institutions around the world. Based on globally shared issues of the need for a means to action, the event is to stimulate greater dedication to addressing ongoing gaps there are between disaster reduction and development actions through varied scientific approaches, technology and socio-centric experiences. The event will also assist individuals and institutions to move forward in confronting disaster reduction ideas in the context of mounting expectations surrounding Hyogo + 10 events leading to revision of its strategy at Yokohama in 2015.

The topics that emerged in the preparation for the event led to papers and sessions informed by cross-cutting aspects of disaster management, sustainable development, resilience building, vulnerability reduction, quantitative modeling and visualization, community based strategies, governance, climate and adaptation, integration science, disaster communication, humanitarianism, innovative technologies, logistics and policy including dialogues from different disciplines related to risk. These cross-cutting themes from academic, policy and practice initiatives are for the purpose of this conference considered interrelated, mutually informative, and presenting many challenging questions key to moving from opportunity to action. The conference focus is maintained by reflecting on how theory, method and implementation can make a difference to the future of dealing with disasters.

Structure of the event

The conference includes six plenary sessions and 27 parallel sessions including five special postgraduate oral sessions. In total the event comprises over 160 presentations with inputs from over 30 countries. Posters are displayed throughout the event and are accompanied by a special Young Scientists / Postgraduate competition.

Plenary sessions reflect the following progression of the conference topic:

- Current progress in Disaster and Development policy, practice and research
- Facing changing challenges of practice and policy
- Rethinking development through integrated risk reduction
- People, systems and ideas
- Actions and hope at the science and people centred interface

A call for papers was released late 2012 together with suggested topics for guidance to be adapted subject to demand and comment during the run up to the event. Most of the inputs featured over the three days itself were peer reviewed by at least three of our 33 member international scientific committee. The finalised list of parallel sessions included in the programme is as follows:

- 'Natech'(natural and technological) risk management: the state of the art after one decade
- Modelling values and judgments for risk management
- Modeling and case studies of integrated risk governance paradigm for very large-scale disasters
- Engaging demographic difference and change in disaster and development
- Inter-sectoral disaster and development
- Progress in UK Emergency Management
- FORIN: Forensic investigations of disasters
- Frameworks for the measurement, modelling and design of resilience strategies
- Bridging gaps in disaster risk stabilisation through economic analyses
- Climate, development and ideas
- Same dogs, same tricks: Examining the humanitarian discourse
- Survivors centred approach toward long-term disaster recovery: collaborative practices and action research after the 3.11 earthquake and tsunami in Japan
- Developing public-private-civil societal-academic partnerships to improve Disaster Risk Reduction knowledge sharing and decision making
- Community based Disaster Risk Reduction and Governance
- Visualisation, simulation and mapping of reactions and ideas
- X5 Early Researcher / Young Scientist / Postgraduate parallel sessions
- Early Researcher / Young Scientist / Postgraduate posters session and competition
- The risk governance, scientific advisors, science and policy interface
- Education, communication, and development in disaster risk reduction
- Logistics, continuity and resilience
- Bringing creative and integrated responses to displacement
- Cities, risk and infrastructure technologies
- Crisis informatics, knowledge management and decision making
- Disaster education, learning and response

2 Conference Outline

Date: September 4th -6th September

Venue: City Campus East, Northumbria University, Newcastle upon Tyne, UK

Accommodation: Northumbria University accommodation and local hotels

Host: Northumbria University, and the International Society for Integrated Disaster Risk Management (IDRiM)

Chairs: **Professor Andrew Collins**, Leader of the Disaster and Development Network, Department of Geography, Faculty of Engineering and Environment, Northumbria University

Professor Norio Okada, President of the IDRiM Society

Local Organizer: Disaster and Development Network, Department of Geography, Faculty of Engineering and Environment, Northumbria University

Partners: Disaster Prevention Research Institute (DPRI), Kyoto University, Japan

Sponsors: Northumbria University
IDRiM Society
Japan Foundation



Conference Features:

The conference includes plenary, parallel, poster, panel and young scientists / doctoral sessions.

A full set of abstracts is provided at the event. Post conference peer reviewed proceedings of full papers will be produced post-conference. There are number of journal publication opportunities that participants will be kept informed about.

Committees:

DwD-IDRiM 2013 Conference Logistics Group:

- Gemma Hollywood (Northumbria)
- Ailsa Riddell (Northumbria)
- Janet Young (Northumbria)
- Marta Pyrek (Northumbria)
- Miyauchi Tomoko (Kyoto)

DwD-IDRiM 2013 Conference Organising Committee:

- Ana Maria Cruz
- Andrew Collins
- Bernard Manyena
- Chika Udejaja
- Chris Hagar
- Hirokazu Tatano
- Idelia Ferdinand
- Janaka Jayawickrama
- Kay Rogage
- Lei Zhou
- Mohsen Ashtiany
- Muneta Yokomatsu
- Norio Okada
- Reinhard Mechler
- Richard Kotter
- Sheik Mehdee Mohammad
- Simon Taylor
- Srinath Perera
- Stefan Hochrainer
- Tao Ye
- Victor Samwinga

Conference Assistants

- Daniel Walsh
- Keiko Kitajima
- Alison Stretton Downs
- Rita Njuguna
- Emma Melton

DwD-IDRiM 2013 Scientific Advisory Committee

- Adam Rose (University of Southern California, USA)
- Ana Maria Cruz (University of Bordeaux, France)
- Andrew Collins (Northumbria University, UK)
- Aniello Amendola (International Institute for Applied Systems Analysis (IIASA), Austria)
- Ben Wisner (Oberlin College, USA)
- Bijya Anand Misra (New Delhi, India)
- Charles Scawthorn (Kyoto University, Japan)
- David Alexander (University College London, UK)
- Dilanthi Amaratunga (Salford University, UK)
- Djillali Benouar (University of Bab Ezzouar (USTHB), Algeria)
- Douglas Paton (University of Tasmania, Australia)
- Eser Cakti Durukal (Bogazici University, Turkey)
- Geoff O'Brien (Northumbria University, UK)
- Giuliano Panza (Absus Salam Int. Centre for Theoretical Physics, Italy)
- Haresh Shah (WSSI and RMS, USA)
- Heike Egner (University of Klagenfurt, Austria)
- Hirokazu Tatano (Kyoto University, Japan)
- Hiroyuki Kameda (National Institute for Earth Science and Disaster Prevention (EDM-NIED), Japan)
- Joanne Linnerooth-Bayer (International Institute for Applied Systems Analysis, Austria)
- Julie Mennell (Sunderland University, UK)
- Kaoru Takara (Kyoto University, Japan)
- Kevin Hannam (Leeds Metropolitan University, UK)
- Manas Chatterji (Binghamton University, USA)
- Maureen Fordham (Northumbria University, UK)
- Mohsen Ashtiany (Int. Institute of Earthquake Engineering and Seismology, Iran)
- Norio Okada (IDRiM Society President and Dwansei Gakuin University), Japan
- Paul Kovacs (Western University, Canada)
- Peijun Shi (Beijing Normal University (BNU), China)
- Peter Glaves (Northumbria University, UK)
- Phil O'Keefe (Northumbria University, UK)
- Salvano Briceno (IRDR, Venezuela)
- Samantha Jones (Northumbria University, UK)
- Slobodan P. Simonovic (University of Western Ontario, Canada)
- Srinath Perera (Northumbria University, UK)
- Tomohide Atsumi (Osaka University, Japan)

3 Conference Programme

From Opportunity to Action: Bridging the Gap between Disaster Reduction and Development through Science(s), Technology and People Centred Actions

Tuesday 3rd September 2013

14:00 – 17:00 Registration open in main foyer of City Campus East

17:00 – 18:00 IDRiM Society Board Meeting
City Campus East

Wednesday 4th September, 2013 (Day One)

08:00 - 08:45 Registrations in main Foyer of City Campus East – Arriving period – Tea and Coffee

08:45 - 09:20 **Opening Session:** Lecture Theatre 001
Chair: **Glen McHale**, Executive Dean, Faculty of Engineering and Environment, Northumbria University

Welcome Address: **Lucy Winskell**, Pro Vice-Chancellor (Business and Engagement), Northumbria University (10 min)

International Society of Integrated Disaster Risk Management (IDRiM) Introduction: **Norio Okada**, President of the IDRiM Society (10 min)

Conference Theme, Background and Context: **Andrew Collins**, Disaster and Development Network (DDN), Northumbria University (15 min)

09:20 - 10:45 **Plenary Session One:** Lecture Theatre 001
'Setting the Scene – Current progress in Disaster and Development Policy, Practice and Research'
Chair: **Andrew Collins**

Presentation 1: **Margareta Wahlström**, Special Representative of the United Nations Secretary-General (RSG) for Disaster Risk Reduction and Head of UNISDR, Geneva

Presentation 2: Strengthening Local Risk Management and mainstreaming Disaster Risk Reduction for sustainable development

João Ribeiro, **Bonifacio Antonio**, National Institute of Disaster Management (INGC), Mozambique and **Titus A. Kuuyuor**, United Nations Development Programme (UNDP), Mozambique

Presentation 3: From Disaster Risk Management to Quantitative Disaster Resilience: A paradigm shift, **Slobodan P. Simonovic**, University of Western Ontario, Canada

Questions and discussion (minimum 10 mins)

10:45 - 11:00 **Tea and Coffee**

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>Theme: 'Natech' risk management: the state of the art after one decade</p> <p>Chairs: Ana Maria Cruz, Kyoto University, Japan and Elizabeth Kraussmann, European Commission Joint Research Centre, Italy</p>	<p>Theme: Modelling values and judgments for risk management</p> <p>Chair: Gilberto Montibeller, London School of Economics, UK</p>	<p>Theme: Modeling and case studies of integrated risk governance paradigm for very large-scale disasters</p> <p>Chair: Peijun Shi, Beijing Normal University, China and Carlo Jaeger, Postdam Institute for Climate Impact Research, Germany</p>	<p>Theme: Engaging demographic difference and change in disaster and development</p> <p>Chair: Jessica Hartog, Help Age International</p>	<p>Theme: Inter-sectoral disaster and development</p> <p>Chair: William Siembieda, California Polytechnic State University, USA</p>
<p>1. <i>Introductory study on Disaster Risk Assessment and Area Business Continuity Planning in industry agglomerated areas in the ASEAN</i></p> <p>Hitoshi Baba, Itsu Adachi, Hiroshi Takabayashi, Noriaki Nagatomo, Shiro Nakasone and Hideaki Matsumoto, Japan International Cooperation Agency (JICA)</p> <p>2. <i>Damage Analysis for industrial installations triggered by Tsunami of the 2011 Great East Japan Earthquake</i></p> <p>Junlei Yu, Akihiko Hokugo and Tomoaki Nishino, Kobe University, Japan</p> <p>3. <i>Natech risk governance in the European Union</i></p> <p>Elisabeth Kraussmann, European Commission, Joint Research Centre, Italy</p> <p>4. <i>Complex Model for Risk Assessment and Treatment in Industrial Processes</i></p> <p>Katarína Hollá and Jozef Ristvej, University of Žilina, Slovakia</p> <p>5. <i>Natechs and risk governance</i></p> <p>Ana Maria Cruz, Kyoto University, Japan</p>	<p>1. <i>Adversarial risk analysis in defense resource allocation for sports mega-events</i></p> <p>Marcelo Zawadzki and Carmen Belderrain, Aeronautics Technological Institute, Brazil</p> <p>2. <i>Location analysis for pre-positioning disaster relief supplies in Brazil</i></p> <p>Irineu Brito Jr., University of Sao Paulo, Adriana Leiras, Pontifical Catholic University of Rio de Janeiro, Brazil, Paulo Gonçalves, Univesità della Svizzera Italiana, Switzerland and Hugo Yoshizaki, Universidade de São Paulo, Brazil</p> <p>3. <i>Paper Title: Choice of transportation in the aftermath of a terrorist attack: the case of the 7/7 London Bombings</i></p> <p>Barbara Fasolo, London School of Economics, Melody Zhifang Ni, Imperial College and Lawrence D. Phillips, London School of Economics, UK</p> <p>4. <i>Multi-impact spatial risk analysis for resource allocation decisions</i></p> <p>Valentina Ferretti, Polytechnic University of Turin, Italy and Gilberto Montibeller, London School of Economics, UK</p> <p>5. <i>Developing Risk Management Support Systems for the Prioritization of Emerging Health Threats</i></p> <p>Gilberto Montibeller, London School of Economics, L. Alberto Franco, Loughborough University, UK and Victor Del Rio Vilas, Pan American Health Organisation, Brazil</p>	<p>1. Peijun Shi, Beijing Normal University, Beijing, China</p> <p>2. <i>Challenges of Bridging Sciences and Policy for Integrated Risk Governance</i>, Yanli Lu and Qian Ye, Beijing Normal University, Beijing, China</p> <p>3. <i>Risk assessment model for natural disaster based on urban land use unit</i></p> <p>Wei Xu, Beijing Normal University, Ministry of Civil Affairs and Ministry of Education, Zhihui Gu, Shenzhen University, Juan Du, Ying Li, Xiaodong Ming, Beijing Normal University, Ministry of Civil Affairs and Ministry of Education, Yi Ge, Nanjing University, Peijun Shi, Beijing Normal University, Ministry of Civil Affairs and Ministry of Education, China</p> <p>4. <i>An approach to adaptive co-ordinated emergency response of rapidly evolving large-scale unprecedented events using agent based modelling and simulation with mathematical optimisation based decision support</i></p> <p>Graham Coates, Glenn I. Howe, Duncan T. Wilson and Roger S. Crouch, University of Durham, UK</p>	<p>1. <i>The strong arms – the role of the young in dealing with disaster risk</i></p> <p>C.W.J. De Milliano, University of Groningen, The Netherlands</p> <p>2. <i>Snips and snails and puppy dogs tails vs Sugar and spice and all things nice: Same disaster different reaction?</i></p> <p>Joelle Yap, Nanyang Polytechnic, School of Health Sciences, Singapore</p> <p>3. <i>Developing a rural prevention planning in depopulated marginal villages using health care services</i></p> <p>Keiko Kitagawa, Saga University, Changwan Han, University of the Ryukyus, Kazunori Hokao and Koichiro Ogushi, Japan</p> <p>4. <i>Gender and disaster recovery after Typhoon Morakot in Taiwan</i></p> <p>Hsiang-Chieh Lee and Liang-Chun Chen, National Science and Technology Center for Disaster Reduction in Taiwan</p> <p>5. <i>Demographic change after the 2011 Great East Japan earthquake: impacts of interregional migration</i></p> <p>Kazuyoshi Nakano, Central Research Institute of Electric Power Industry (CRIEPI), Japan</p>	<p>1. <i>Socio-economic consequences of the 2008 Wenchuan Earthquake in Wolong National Nature Reserve, China</i></p> <p>Wei Liu and Stefan Hochrainer-Stigler</p> <p>International Institute for Applied Systems Analysis (IIASA), Austria</p> <p>2. <i>Institutional Reforms of Nuclear Emergency Preparedness in Japan and its Challenges from the Viewpoint of Stakeholder Involvement</i></p> <p>Shin-etsu Sugawara, Central Research Institute of Electric Power Industry (CRIEPI), Japan</p> <p>3. <i>Power outages, extreme events and health: a systematic review of the literature from 2011 -2012</i></p> <p>Chaamala Klinger, Owen Landeg and Virginia Murray, Public Health England, UK</p> <p>4. <i>Application of Catastrophe Loss Modelling Technology for Design of Affordable Property Insurance Schemes in Developing Countries</i></p> <p>Mohammad R Zolfaghari, K.N. Toosi University of Technology, Iran</p> <p>5. <i>Social responses to natural disasters: the experience of vulnerable communities</i></p> <p>Tracey McIntosh, The University of Auckland, New Zealand</p>

13:00 - 14:00

Lunch

14:00 – 15:30

Plenary Session Two: Lecture Theatre 001

'Facing Changing Challenges of Practice and Policy'

Chair: **Hirokazo Tatano**, Kyoto University, Japan

Presentation 1: Tom Capeling, Chief Fire Officer, Tyne and Wear Fire and Rescue Service, UK.

Presentation 2: Crises management, interoperability and integrated approaches

Robert MacFarlane, Assistant Director, Civil Contingencies Secretariat, Cabinet Office, UK

Presentation 3: Disasters, climate change, and growth, **Vinod Thomas**, Director

General, Asian Development Bank, **Silke Heuser**, Senior Project Manager, KfW Development Bank

Questions and discussion (minimum 15 mins)

15:30 – 15:45

Tea and Coffee

15:45 – 17:45

Parallel Sessions

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>Theme: Progress in UK Emergency Management</p> <p>Chair: Brian Ward, National Resilience, UK and Trevor Tague, Fire and Rescue National Resilience Team, Tyne and Wear Fire and Rescue Service</p>	<p>Theme: FORIN: Forensic investigations of disasters</p> <p>Chair: Bob Alexander, Faculty of the 2012 IRDR and START Advanced Institute on FORIN</p>	<p>Theme: Frameworks for the measurement, modelling and design of resilience strategies</p> <p>Chairs: Adam Rose, University of Southern California, USA and Kurt Peterson, University of Lund, Sweden</p>	<p>Theme: Bridging gaps in disaster risk stabilisation through economic analyses</p> <p>Chair: Paul Kovacs, Western University, Canada</p>	<p>Theme: Climate, development and ideas</p> <p>Chair: Bernard Manyena, Newcastle upon Tyne, UK</p>
<p>1. <i>To follow</i></p> <p>Brian Ward, National Resilience, UK</p>	<p>1. <i>Disaster Response and Adaptive Capacity of Upland Communities in the Face of Increasing Climate Risk: A Discussion of Changing Livelihoods, Land Use, and Natural Resources Management in Northern Thailand</i></p> <p>Sopon Naruchaikusol, Stockholm Environment Institute – Asia, Malin Beckman, Stockholm Environment Institute – Asia-Office and Swedish Agricultural University (SLU) and Junko Mochizuki, University of Hawaii at Manoa</p>	<p>1. <i>Collective anticipation and the dual nature of resilience</i></p> <p>Henrik Tehler and Kurt Petersen, Lund University, Sweden</p>	<p>1. <i>A CGE Study of Economic Restoration after a Natural Disaster</i></p> <p>Masato Yamazaki, Yoshinori Sone, Atsushi Koike, Nagoya University and Hirokazu Tatano, Kyoto University, Japan</p>	<p>1. <i>Climate variability and its consequence effects in Mozambique</i></p> <p>Joao Ribeiro, National Institute of Disaster Management (INGC), Mozambique and Titus A. Kuuyoor, United Nations Development Programme (UNDP), Mozambique</p>
<p>2. <i>UK capacity to respond to international and UK level disasters</i></p> <p>Sean Moore, National Resilience Fire and Rescue Services, UK</p>	<p>2. <i>Poor Governance Causing Vulnerabilities and Converting Hazards into Disasters: 2010 floods, Kot Addu, District, Muzaffargarh, Pakistan</i></p> <p>Sarwar Bari, Pattan Development Organization, Pakistan</p>	<p>2. <i>An economic framework for the development of a resilience index for business recovery</i>, Adam Rose, University of Southern California, USA and Elisabeth Krausman, JRC, European Commission</p>	<p>2. <i>The role of in-situ measurements of volcanic ash concentrations in preventing economic disaster due to ash clouds.</i></p> <p>Jonas Eliasson, University of Iceland, Nario Yasuda, University of Kyoto, Konradin Weber, Andreas Vogel, University of Applied Sciences, Germany and Porgeir Palsson, Reykjavik University, Iceland</p>	<p>2. <i>Drought Insurance for extensive livestock farmers based on Standard Precipitation Index as a tool for drought risk reduction</i></p> <p>Andries Jordaan, University of the Free State, South Africa</p>

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>3. <i>History of Civil Resilience in the UK</i></p> <p>Helen Hinds, Newcastle City Council, UK</p>	<p>3. <i>Recovery from the 3.11 East Japan Earthquake Disaster</i></p> <p>Norio Maki, Kyoto University, Japan</p>	<p>3. <i>Short and long term time dependencies of socio-economic dimensions after catastrophes: An empirical macro-economic analysis</i></p> <p>Stefan Hochrainer-Stigler, IIASA - International Institute for Applied Systems Analysis, Austria</p>	<p>3. <i>A prototype of urban economic model for flood disaster impact analysis</i></p> <p>Satoshi Tsuchiya, Tottori University, and Hirokazu Tatano, Kyoto University, Japan</p>	<p>3. <i>Climate change adaptation options in flood management: ideal and reality</i></p> <p>Junichi Yoshitani, Kyoto University, Japan</p>
<p>4. <i>The role of social media technologies in shifting the resilience goalposts</i></p> <p>Ian Rufus, Public Health England, UK</p>	<p>4. <i>Decision-making, policy choices and community rebuilding after the Tohoku disaster</i></p> <p>Junko Mochizuki, International Institute of Applied Systems Analysis (IIASA), Austria</p>	<p>4. <i>Statistical analysis of production capacity and sales losses in industrial sectors caused by a large-scale flood disaster</i></p> <p>Yoshio Kajitani, Central Research Institute of Electric Power Industry, Hirokazu Tatano and Lijiao Yang, Kyoto University, Japan</p>	<p>4. <i>Disaster risk reduction investments accounts for development: model and case study of Pakistan</i></p> <p>Muneta Yokomatsu, Kyoto University, Japan, Katsumi Wakigawa, Japan Institute of Country-ology and Engineering, Hiroyuki Wada, Pacific Consultants Co., Ltd., Kimio Takeya, Japan International Cooperation Agency (JICA), Tetsuya Okayasu, Toshihiro Sonoda, Japan Institute of Country-ology and Engineering, Hiroyuki Takamatsu, Hiroaki Ishiwata, Pacific Consultants Co., Ltd., Yusuke Amano, Noriaki Nagatomo, Junko Mimaki, JICA, Japan</p>	<p>4. <i>Flood shelters in Bangladesh: The users' perspective</i></p> <p>Fuad H. Mallick, BRAC University, Bangladesh</p>
<p>5. <i>Addressing the risk of wildfires through partnerships</i></p> <p>Patrick Edwards, Northumberland Fire and Rescue Service, UK</p>	<p>5. <i>Practically Addressing Conceptual Issues in the Use of Scenario Analysis for Forensic Investigations of Disasters (FORIN)</i></p> <p>Bob Alexander, Rural Livelihood Risk Management Consulting & Faculty of the 2012 IRDR and START Advanced Institute on FORIN</p>	<p>5. <i>Reducing the impact of flood events upon business: continuity management and the small and medium sized enterprise</i></p> <p>Martina McGuinness, University of Sheffield, UK</p>	<p>5. <i>Economic Impact Assessment of industry without double counting losses taking account of renewal investment possibility in the future</i></p> <p>Hirokazu Tatano, Kyoto University, Japan</p>	<p>5. <i>Ideas and Policy in Disaster Research</i></p> <p>John M. Weiner and John J. Walsh, Vanderbilt University, USA</p>
<p>6. <i>The balance between security and community engagement</i></p> <p>Alan Robson, Tyne and Wear Fire and Rescue Service, UK</p>				

18:00 – 20:00

Reception at Conference Venue

Thursday 5th September (Day Two)

09:00 - 10:40

Plenary Session Three: Lecture Theatre 001
'Rethinking Development through Integrated Risk Reduction'
Chair: **Norio Okada**, Kwansai University, Japan

Presentation 1: Lowering disaster risk through acceptance of institutional limits,
William J. Siembieda, California Polytechnic State University, USA

Presentation 2: Complexity of disaster system and its integrated risk analysis, **Peijun Shi, Ming Wang, Jing'ai Wang, Lili Lu** and **Wenfang Chen**, Beijing Normal University, China

Presentation 3: Information and Knowledge Management for Disaster Risk Reduction (IKM4DRR) – the community, the framework and related UNISDR tools and activities,
Sarah Wade-Apicella, The UN Office for Disaster Risk Reduction (UNISDR)

Questions and discussion (minimum 15 mins)

10:40 – 11:00

Tea and Coffee

11:00 - 13:00

Parallel Sessions

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>Theme: Same dogs, same tricks: examining the humanitarian discourse</p> <p>Chair: Janaka Jayawickrama, Northumbria University, UK</p>	<p>Theme: Survivors centred approach toward long-term disaster recovery: collaborative practices and action research after the 3.11 earthquake and tsunami</p> <p>Chair: Tomohide Atsumi, Osaka University, Japan</p>	<p>Theme: Developing public-private-civil societal-academic partnerships to improve DRR knowledge sharing and decision making – examples and discussion about PPP in national “IKM4DRR” approaches</p> <p>Chair: Roland Nussbaum, Mission Risques Naturels (MRN), France and Paul Kovacs, Western University, Canada</p>	<p>Theme: Community based Disaster Risk Reduction and Governance</p> <p>Chair: Manas Chatterji, Binghamton University, State University of New York, USA</p>	<p>Theme: Visualisation, simulation and mapping of reactions and ideas</p> <p>Chair: Kay Rogage, Northumbria University, UK</p>
<p>Panel:</p> <p>1. <i>Panel Overview: Double negative of humanitarian assistance</i></p> <p>Phil O’Keefe and Janaka Jayawickrama, Northumbria University, UK</p>	<p>1. <i>Disaster Volunteers in Japan after 3.11 Earthquake and Pay-It-Forward Network</i></p> <p>Tomohide ATSUMI, Osaka University, Japan</p>	<p>1. <i>Information and Knowledge Management for Disaster Risk Reduction (IKM4DRR) – the community, the framework and related UNISDR tools and activities,</i> Sarah Wade-Apicella, The UN Office for Disaster Risk Reduction (UNISDR)</p>	<p>1. <i>Development of disasters? How development strategies increase disaster risk in upland communities in Southeast Asia</i></p> <p>Malin Beckman, Stockholm Environment Institute - Asia and Swedish University of Agriculture Sciences, Sweden</p>	<p>1. <i>Preparing for Emergencies through Stimulating Simulation</i></p> <p>Kay Rogage, Northumbria University, UK</p>

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>2. <i>Socio-economic inequalities in adapting to climate change</i></p> <p>Leanne Wilson, Northumbria University</p> <p>3. <i>There is no Effectiveness in Humanitarian Assistance without Culture</i></p> <p>Joanne Rose, Northumbria University</p> <p>4. <i>The Story of the Caribbean</i></p> <p>Idelia Ferdinand, Northumbria University</p>	<p>2. <i>Charrette-workshops and visions for a long-term recovery in Noda village</i></p> <p>Kawamura Shinji, Hachinohe National College of Technology, Japan</p>	<p>2. <i>The Canadian model for public/private partnership in disaster risk reduction</i></p> <p>Paul Kovacs, Western University, Canada</p> <p>Following three presentations are interlinked:</p>	<p>2. <i>The political economy of community disaster management assets: a case study of the farm community in Sussex county, Delaware</i></p> <p>Yvonne Rademacher, University of Delaware, USA</p>	<p>2. <i>Applying a novel three-dimensional digital geography methodology with open data for flooding disaster risk reduction</i></p> <p>Shih-Chun Candice Lung and Yi-Cong Kuo, Academia Sinica, Taiwan</p>
	<p>3. <i>Empirical research for the Reconstruction Plan that considers QOL from the Great East Japan Earthquake: A case study of "Team All Hiroasaki"</i></p> <p>Young-Jun Lee, Hirotsugu Iijima, Hirosaki University and Hiroaki Sugiura, Aichi University, Japan</p>	<p>3. <i>The context and the development project of a national PPP alliance for DRR knowledge sharing, by a kernel of data producers, involving the French State authorities (national and territorial) as well as private stakeholders, including (re)insurance companies</i></p> <p>Roland Nussbaum, MRN and National Observatory for Natural Hazards (ONRN), France</p>	<p>3. <i>Building community awareness on early warning systems for disaster risk reduction. case study: Somesul Cald Valley, Cluj, Romania</i></p> <p>Emil Roman, Lucrina Ștefănescu, Kozma Kis Elisabeta-Edita, Dan Chiribucă, Babeș-Bolyai" University, Adriana Dîncu, Romanian Strategy and Evaluation Institute, Viorel Arghiuș and Alexandru Ozunu, Babeș-Bolyai" University, Romania</p>	<p>3. <i>Remote Sensing Data for Disaster Micro-Insurance and Growth related Applications: A case study on Smallhold-farmers in Ethiopia</i></p> <p>Stefan Hochrainer-Stigler, International Institute for Applied Systems Analysis (IIASA), Austria</p>
	<p>4. <i>Study on "Revitalization Curves" from the 2011 Tohoku earthquake: Visualization of Community Revitalization Processes</i></p> <p>Takumi Miyamoto, Kyoto University, Japan</p>	<p>4. <i>The involvement of end users in the governance of the PPP alliance, by AFPCN a civil society association, in close connection to the French National DRR platform</i></p> <p>François Gerard, French National DRR Platform, France (AFPCN), France</p>	<p>4. <i>An analysis of revitalization process of the affected areas of the Mid Niigata Prefecture Earthquake in 2004</i></p> <p>Fumihiko Inagaki and Seiji Kamimura, Nagaoka University of Technology, Japan</p>	<p>4. <i>Overcoming Obstacles to Mapping for Disaster Preparedness in East Africa</i></p> <p>Dave Farthing and Mark Ware, University of South Wales, UK</p>

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>5. <i>Community vs Institution Resilience</i></p> <p>Ibrahim Almarzouqi, Northumbria University</p> <p>6. <i>Community Collaboration: Experience from New Deal for Communities</i></p> <p>Geoff O'Brien, Northumbria University</p> <p>7. <i>"Insider" and "Outsider" Collaboration: the Case of Step-By-Step Studio</i></p> <p>Jeremy Balmer and Janaka Jayawickrama, Northumbria University</p>	<p>5. <i>The bottom-up type of counterpart assistance for long-term restoration after the East Japan Earthquake: A case of 'Team North Rias' in Noda village</i></p> <p>Motohiko Nagata, Kyoto University, Japan</p>	<p>5. <i>The specific role of academics, as scientific observers and expert users of the system</i>, Pr Patrick Pigeon, University of Savoie, France</p>	<p>5. <i>Microfinance and Natural Disasters: How to Make Poor Less Vulnerable</i></p> <p>Muhammad Ali Qamar, COMSATS Institute of Information Technology, Pakistan and Sameen Masood, Punjab University, Pakistan</p> <p>6. <i>Community Governance to Promote Implementation of Local Activities in Revitalization Process – Leadership, Prioritization and Compartment of Activities</i></p> <p>Mamoru Yoshida, Kumamoto University, Japan</p>	<p>5. <i>Advanced decision-aiding methods for natural risk management in a context of imperfect information</i></p> <p>Jean Marc Tacnet, National Research Institute of Science and Technology for Environment and Agriculture, France</p>

13:00 - 14:00

Lunch

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
Chair: Muneta Yokomatsu , Kyoto University, Japan	Chair: Yanli Lu , Beijing Normal University, China	Chair: Srinath Perera , Northumbria University, UK	Chair: Victor Samwinga , Northumbria University, UK	Chair: Stefan Hochrainer-Stigler , International Institute for Applied Systems Analysis (IIASA), Austria
1. <i>Towards a collaborative approach between public and private stakeholders to improve standardized knowledge on the damage caused by flood events</i> David Bourguignon , University of Montpellier III and Association of French Insurance Undertakings for Natural Risk Knowledge and Reduction, France	1. <i>Transfiguration of local artifact and dynamics of residents' practice in disaster recovery process</i> Hitomu Kotani and Muneta Yokomatsu , Kyoto University, Japan	1. <i>Risk communication with Tsunami Evacuation Evaluation System: A Case Study of Kuroshio-Town, Kouchi Prefecture, Japan</i> Fuko Nakai , Kyoto University, Japan	1. <i>Assessment of the warning system against floods in the Lower Siret River (Romania)</i> Florence Salit , University of Paris Diderot and University of Bucharest, L. Zaharia , University of Bucharest, Romania and G. Beltrando , University of Paris, France	1. <i>Coeliac Disease - An emerging global public health problem? Assessing awareness for disaster risk reduction</i> Georgina Livingstone , University of Northumbria, UK
2. <i>Social capital in disasters</i> Idelia Ferdinand , Northumbria University, UK	2. <i>Psychosocial issues and lived experiences of (adolescent) young women and girls after the October 2005 earthquake in Pakistan</i> Seema Ahmed and Maureen Fordham , Northumbria University, UK	2. <i>Assessing Risk of Rice Yield Loss by Flooding Using Process-Based Models of SWAT and MCWLA — A Pilot Study in Zhengshui Watershed located in the Middle-Lower Reaches of Yangtze River</i> Pin Wang , Yi Chena , and Zhao Zhanga , Beijing Normal University, China	2. <i>Quantitative multi-hazard risk assessment with vulnerability surface and hazard joint return period</i> Xiaodong Ming , Wei Xu , Ying Li , Juan Du , Beijing Normal University, Baoyin Liu , University of Leeds, UK, Peijun Shi , Beijing Normal University, China	2. <i>Disasters, insurance and climate change – challenging the insurance industry and modelling future action: looking at the risk and embracing opportunity to ensure disaster resilience and affirmative action</i> Rachel Anne Carter , Deakin University, Australia
3. <i>Simulation of flight passengers affected by the impacts of volcanic eruption: A case study of Sakurajima volcano</i> Tetsuya Tamaki , Kyoto University, Japan	3. <i>Government management systems for natural disaster relief in China, as oriented by the needs of the victims</i> Ying Wang , Zhenhua Zou and Juan Li , Beijing Normal University, China	3. <i>Organizing Lessons and Problems for Tsunami Disaster Reduction into "Crossroad" Game Format</i> Yasuhiro Kawata , Kyoto University, Japan	3. <i>A rapid assessment method of earthquake casualty</i> Rong Liu and Jifu Liu , Beijing Normal University, China	3. <i>Disaster Risk and Effect of Informal Insurance on Human Capital Formation in Rural Areas of Developing Countries</i> Shiyu Zhang and Muneta Yokomatsu , Kyoto University, Japan
4. <i>Are People ready to cope with the environmental risks from water and air pollution in China? A national questionnaire survey on risk perceptions and responses</i> Yi Chen , Xiao Song and Zhao Zhang , Beijing Normal University, China	4. <i>Believing a cyclone early warning: Insights into the life of the coastal Bangladesh through a gendered lens</i> Shaikh Mehdee Mohammad , Northumbria University, UK	4. <i>How many storms? Estimation of historical tropical cyclone rate for coastal China</i> Xiaoning Wu and Weihua Fang , Beijing Normal University, China	4. <i>Role of concern assessment in flood risk management</i> Junho Choi , Subhajyoti Samaddar and Hirokazu Tatano , Kyoto University, Japan	4. <i>Enabling sustainable development through networks of collective intelligence</i> Chrysostomy Maria Diakou and Angelika I. Kokkinaki , University of Nicosia, Cyprus
5. <i>Disaster Risk Reduction Education in Vietnam: A policy review</i> Tong Thi My Thi and Rajib Shaw , Kyoto University, Japan	5. <i>Doing Single-person drill in local community for risk management and disaster education</i> Yingying Sun , Katsuya Yamori , Kyoto University, Seiji Kondo , Japan Broadcasting Corporation and Takumi Miyamoto , Kyoto University, Japan	5. <i>Smartphone technologies as a support to better inform and protect people in case of flash floods?</i> Jules Kouadio , Johnny Douvinet and Loic Grasland , University of Avignon, France	5. <i>Reviewing and visualising natural hazard interactions within a multi-hazard framework</i> Joel C. Gill and Bruce D. Malamud , King's College London, UK	5. <i>Practice of disaster education based on Legitimate Peripheral Participation theory</i> Takuya Iwahori , Kyoto University, Japan

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>6. <i>Effect of Cyclone Aila on health care system at Gabura Union, Shyamnagar Upazila, Satkhira, Bangladesh</i></p> <p>Sheikh Rahman, Northumbria University, UK</p>		<p>6. <i>The networked volcanic hazard: a spatiality of actors, assemblages and information technology</i></p> <p>Daniel Beech, Aberystwyth University, Deborah Dixon, University of Glasgow, Carina Fearnley and Michael Woods, Aberystwyth University, UK</p>		

15:10 - 16:15

Early Researcher / Young Scientist / Postgraduate Posters and Competition

Chairs: **Muneta Yokomatsu**, Kyoto University, Japan, **Yanli Lu**, Beijing Normal University, China and **Srinath Perera**, Northumbria University, UK

15:45 – 16:15

Tea and Coffee as part of this session

16:15 - 17:45

Plenary Session Four: Lecture Theatre 001

'People, Systems and Ideas'

Chair: **Sálvano Briceño**, Vice-chair, IRDR Science Committee, Venezuela

Presentation 1: Can societies learn from disasters and catastrophes?, **Heike Egner**, University of Klagenfurt, Austria, **Marén Schorch**, University of Siegen and **Martin Voss**, Free University of Berlin, Germany

Presentation 2: People centric techno-legal regime for IDRiM: scenario writing in the 21st Century, **Bijay Anand Misra**, New Delhi, India

Presentation 3: Utilization of disaster lessons learned by the 2011 Great East Japan Earthquake for next catastrophic disasters, **Yoshiaki Kawata**, Kansai University, Japan

Questions and discussion (minimum 15 mins)

17:45 – 19:00

IDRiM Society General Assembly

19:30 – 21:30

Conference Dinner - The Great Hall, Sutherland Building, Northumbria University

Friday 6th September (Day Three)

09:00 - 10:40

Plenary Session Five: Lecture Theatre 001

'Actions and Hope at the Science and People Centred Interface'

Chair: **Adam Rose**, University of Southern California, USA

*Presentation 1: Do you seriously wish to be a humanitarian worker, **Phil O'Keefe**, Northumbria University, UK*

*Presentation 2: **Dilanthi Amaratunga**, Salford University, UK*

*Presentation 3: Visualisation and public participation approaches in post disasters situations: experiences in UK post flood areas, **Peter Glaves**, Northumbria University, UK*

Questions and discussion (minimum 15 mins)

10:40 – 11:00

Tea and Coffee

11:00 – 13:00

Parallel Sessions

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>Theme: The risk governance, scientific advisors, science and policy interface</p> <p>Chair: Katsuya Yamori, Kyoto University Japan and David Alexander, University College London, UK</p>	<p>Theme : Education, communication, and development in disaster risk reduction</p> <p>Chair: Kim Hagen, Open University, UK</p>	<p>Theme: Logistics, continuity and resilience</p> <p>Chair: <i>TBC</i></p>	<p>Theme: Bringing creative and integrated responses to displacement</p> <p>Chair: Bijay Anand Misra, New Delhi, India</p>	
<p>1. <i>Science and Disaster Management in the dock: A contextual analysis of the L'Aquila Trial, 2009-2012</i></p> <p>David Alexander, University College London, UK</p>	<p>1. <i>Good vibrations in risk communication: How music can be used to engage people in disaster risk reduction (DRR)</i></p> <p>Bob Alexander, Rural Livelihood Risk Management Consulting, Douglas Paton and Kirby Clark, University of Tasmania</p>	<p>1. <i>Resilient health care systems of the future</i></p> <p>Phil Storr, NHS England, UK</p>	<p>1. <i>Conditions of necessity for assistance at disaster in evacuation and rescue plans</i></p> <p>Eizo Hideshima, Yukiho Miyabe and Yuuki Nakayama, Nagoya Institute of Technology, Japan</p>	<p><i>Reserved Fifth Open Parallel Session</i></p>
<p>2. <i>Risk management from a legal and governance perspective</i></p> <p>Michael Eburn, The Australian National University, Australia</p>	<p>2. <i>Being seen, being heard and getting things done: gendered communication strategies for and by women and girls in disaster risk reduction (DRR)</i></p> <p>Maureen Fordham, Northumbria University, UK</p>	<p>2. <i>A critical review of the use of supply chain analysis in disaster management</i>, Manas Chatterji, Binghamton University, State University of New York, USA and Ganesh Menon, University of Kerala Trivandrum, India</p>	<p>2. <i>Constraints to response and post disaster reconstruction: case study of mount Cameroon eruptions</i></p> <p>Evarist Anu Mbakem, Northumbria University, UK</p>	
<p>3. <i>Housing beyond the shelter: the case for increasing housing donors' accountability with their post-typhoon Durian dwelling units in Albay, Philippines</i></p> <p>Sylvester Shaun D. Seno, Technological University of the Philippines</p>	<p>3. <i>Cultural communication strategies in disaster risk reduction (DRR)</i></p> <p>Kim Hagen, Open University, UK</p>	<p>3. <i>Study on the quantification of international containerized cargo demand and the estimation of alternative port/route after large scale disasters</i></p> <p>Yasuhiro Akakura, Kenji Ono, Kyoto University and Tomihiko Watanabe, National Institute for Land and Infrastructure Management, MLIT, Japan</p>	<p>3. <i>Issues on long-term and widespread evacuees by the Great East Japan Earthquake and Fukushima nuclear accident</i></p> <p>Yoko Matsuda, Kwansai Gakuin University, Japan</p>	

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025	Seminar Room 221
<p>4. <i>Dealing with Disasters: Some Warnings from Science and Technology Studies (STS)</i></p> <p>Steve Matthewman, University of Auckland, New Zealand</p>	<p>4. <i>Sexual and Gender identities in the Margins: Narratives on disaster risk reduction (DRR) from the Asia-Pacific</i></p> <p>Kristinne Sanz, Newcastle University, JC Gaillard, University of Auckland, New Zealand</p>	<p>4. <i>Recent structural change of supply chain and post-disaster risk management in Japan</i></p> <p>Kenji Ono, Yasuhiro Akakura, Kyoto University, Masami Kanda, Josai International University, Masatoyo Ishihara Shihara, Kinki Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan</p>	<p>4. <i>Community resilience after disasters: social capital and social networks in post-tsunami and post-earthquake Indonesia</i></p> <p>Ugo Guarnacci, University of Reading, UK</p>	
<p>5. <i>Featured Open Debate: Are Disaster Scientists Accountable for Protection?</i></p> <p>All participants</p>	<p>5. <i>TBC</i></p> <p>Ben Wisner, Oberlain College, USA</p>	<p>5. <i>Community restoration/relocation planning model for safety, convenience and sustainability</i></p> <p>Makoto Okumura, Jinyong Kim, Tohoku University and Kazuaki Okubo, Saitama University, Japan</p>	<p>5. <i>Efficiency improvement on humanitarian logistics in the aftermath of a large-scale disaster</i></p> <p>Hideyuki Ito, P&I Logistics co., Ltd., Wisnee Wisetjindawat, Nagoya Institute of Technology and Muneta Yokomatsu, Kyoto University, Japan</p>	
		<p>6. <i>The business continuity of micro-enterprises affected by Tsunami and effectiveness of business support provided</i></p> <p>Lalith Welemadage, Northumbria University, UK</p>		

13:00 - 14:00

Lunch

14:00 - 16:00

Parallel Sessions

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025
<p>Theme : Cities, risk and infrastructure technologies</p> <p>Chair: Peter Taylor, Northumbria University, UK</p>	<p>Theme: Crisis informatics, knowledge management and decision making</p> <p>Chair: Chris Hagar, San Jose State University, USA</p>	<p>Theme: Disaster education, learning and response</p> <p>Chair: Rebecca Strachan, Northumbria University, UK</p>	
<p>1. <i>Estimation of Seismic Site Response and Its Correlation with Damage Distribution Due to Padang Earthquake September 30th, 2009</i></p> <p>Januar H. Setiawan, Robby Marjiyono, Kamawan Setianegara and Asdani Soehaimi, Ministry of Energy and Mineral Resources, Indonesia</p>	<p>1. <i>Strengthening community resilience efforts and social consolidation in disasters: Exploring the roles of public libraries</i></p> <p>Chris Hagar, San Jose State University, USA</p>	<p>1. <i>Development of Disaster Reduction Education Tool and Program using a Disaster Reduction Technology Database</i></p> <p>Yukiko Takeuchi, Hiroaki Negishi, Hiroyuki Kameda and Kaoru Takara, Kyoto University, Japan</p>	<p>Reserved Fourth Open Parallel Session</p>
<p>2. <i>City Emergency Preparedness: Assessment Status and Action Plan (ASAP)</i></p> <p>Jostacio M. Lapitan, World Health Organization (WHO) Kobe Centre for Health Development, Japan</p>	<p>2. <i>Perceived ambiguity of earthquake and house destruction risk</i></p> <p>Toshio Fujimi, Kumamoto University, Masahide Watanabe, Osaka University of Economics and Ryuji Kakimoto, Kumamoto University, Japan</p>	<p>2. <i>From Disaster Education to Disaster Co-learning: A Case Study from a Coastal Small Town in Japan</i></p> <p>Hideyuki Shiroshita, Kansai University, Japan</p>	

Lecture Theatre 003	Seminar Room 009	Seminar Room 024	Seminar Room 025
<p>3. <i>The «territoire-étagé» as an engineering tool to act on vulnerability of metropolitan areas</i></p> <p>Guézo Bernard, CERTU, France</p>	<p>3. <i>Fragmentation of knowledge for disaster risk reduction in integration to climate change adaptation</i></p> <p>Rafael Spiekermann and Stefan Kienberger, University of Salzburg, Austria</p>	<p>3. <i>A curriculum development on disaster training course: DITAC project</i></p> <p>Kubilay Kaptan, Ozden Timurlenk Celik, Onur Yilmaz, Ugur Kavlak, Istanbul Aydin University, Turkey, A. Khorram-Manesh, Pre-hospital and Disaster Medicine Centre, Sweden, Philipp Fischer, Deike Heselmann, UKBH University Clinic, Germany Olivera Lupescu, Christina Patru, Clinical Emergency Hospital, Romania, Pier L. Ingrassia, Università del Piemonte Orientale, Italy, Walter J. Ammann, Marc Stal, Global Risk Forum GRF Davos, Switzerland, et al.</p>	
<p>4. <i>Risk assessment model for natural disaster based on urban land use unit</i></p> <p>Wei Xu, Beijing Normal University, Ministry of Civil Affairs and Ministry of Education, Zhihui Gu, Shenzhen University, Juan Du, Ying Li, Xiaodong Ming, Beijing Normal University, Ministry of Civil Affairs and Ministry of Education, Yi Ge, Nanjing University, Peijun Shi, Beijing Normal University, Ministry of Civil Affairs and Ministry of Education, China</p>	<p>4. <i>Can we blame friends and neighbours for low household preparedness? A Social Network Approach on Community's Flood Preventive Behaviour</i></p> <p>Subhajyoti Samaddar, Kyoto University, Bijay Anand Misra, New Delhi, India, Hirohiko Ishikawa, and Hirokazu Tatano, Kyoto University, Japan</p>	<p>4. <i>Factoring Impacts Associated with Public Warning Paradigm</i></p> <p>John J. Walsh, Jr., Vanderbilt University, USA</p>	
	<p>5. <i>Crisis knowledge management and social media technologies: conceptual framework and survey of current practices</i></p> <p>Ouejdane Mejri and Michalis, Solomontos, Politecnico di Milano, Italy</p>	<p>5. <i>Human experience and response to natural warning signs of tsunamis: applications for risk management based on Canterbury earthquakes 2010/11</i></p> <p>Matthias J.M. Dorfstaetter, Vienna Lincoln University, New Zealand</p>	

16:00 – 16:15

Tea and Coffee

16:15 - 16:50

Plenary Session Six: Lecture Theatre 001

Facilitated Group Discussion

Chairs: **Andrew Collins et al.**

Topic:

“To the Future of Bridging the Gap between Disaster Reduction and Development through Science(s), Technology and People Centred Actions”

16:50 – 17:00

Closing: **Rebecca Strachan**, Associate Dean, Faculty of Engineering and Environment and Conference Chairs – Lecture Theatre 001

Associated meetings and events during DwD2013 / IDRiM 2013 include:

- IDRiM Society Board Meeting, 3rd September
- IDRiM Society General Assembly, 5th September
- Meeting of the Japan-UK Disaster Risk Reduction Study Programme, 5th September
- Meeting of the Global Summit of Research Institutes for Disaster Risk Reduction, 6th September
- Meetings of the 'Disaster and Development Network', 'Disaster and Development Alliance' and 'Disaster and Development Centre Online' Initiatives take place throughout the event and will be also convened at the venue post event

The British Festival of Science (BSF) hosted by Newcastle Science City, Newcastle and Northumbria Universities takes place in Newcastle 7th – 12th September. Delegates of DwD-IDRiM 2013 are encouraged to collect information that will be available at the DwD-IDRiM 2013 event or source this online and may wish to stay in the city for this.



www.northumbria.ac.uk/bsf2013

4 Conference Guidelines

Oral Presentations

All presentations will need to be concise and to the point. The maximum length of a plenary presentation is 25 minutes. The maximum length of parallel session presentations will be strictly kept to 20 minutes. For the case of the YSS/Postgraduate sessions the maximum is 10 minutes. The timing is crucial so that there is time in every session for questions and open debate. PowerPoint facilities are provided in all session rooms. If using this, you should bring your presentation on a USB device for uploading in the room it will take place in prior to the start of the session. Conference assistants will be on hand to begin uploading these as from the opening of registration on Tuesday 3rd September.

Posters

Posters should conform to the broad guidelines that were sent out, being A1 in dimension. All materials will be provided for hanging the posters on the display boards that are set up in the main foyer or the venue on the first morning of the event. All posters should be displayed throughout the whole three days where possible. Assistants will be on hand to orientate the positioning of posters. Chairs of the YSS / Postgraduate Session will coordinate for the use of YSS/Postgraduate posters in the YSS/Postgraduate session taking place in the same location on the 5th September and any matters relating to the associated competition for those.

5 General Information

Contact Numbers

For conference specific queries, contact the Events Team on
+44 (0) 191 227 4394

City Campus East Reception +44 (0) 191 227 3900

Northumbria University Security +44 (0) 191 227 3999

Northumbria University Switchboard +44 (0) 191 232 6002

For travel queries:

Newcastle Central Station: National Rail Enquiries
+44 (0) 845 748 4950

Newcastle International Airport: Customer Information
+44 (0) 871 882 1121

Flight Information +44 (0) 871 882 1131

If feeling unwell

You can call NHS Direct Helpline on 111 for advice

Taxi numbers

Taxi Services: NODA +44 (0) 191 222 1888

Airport Taxis +44 (0) 191 214 6969

Blueline Taxis +44 (0) 191 262 6666

Mobile phones

We ask that you switch off mobile phones when you are in the conference sessions.

Internet access

The main conference venue has wi-fi access. A wireless network key, username and password will be provided for each delegate.

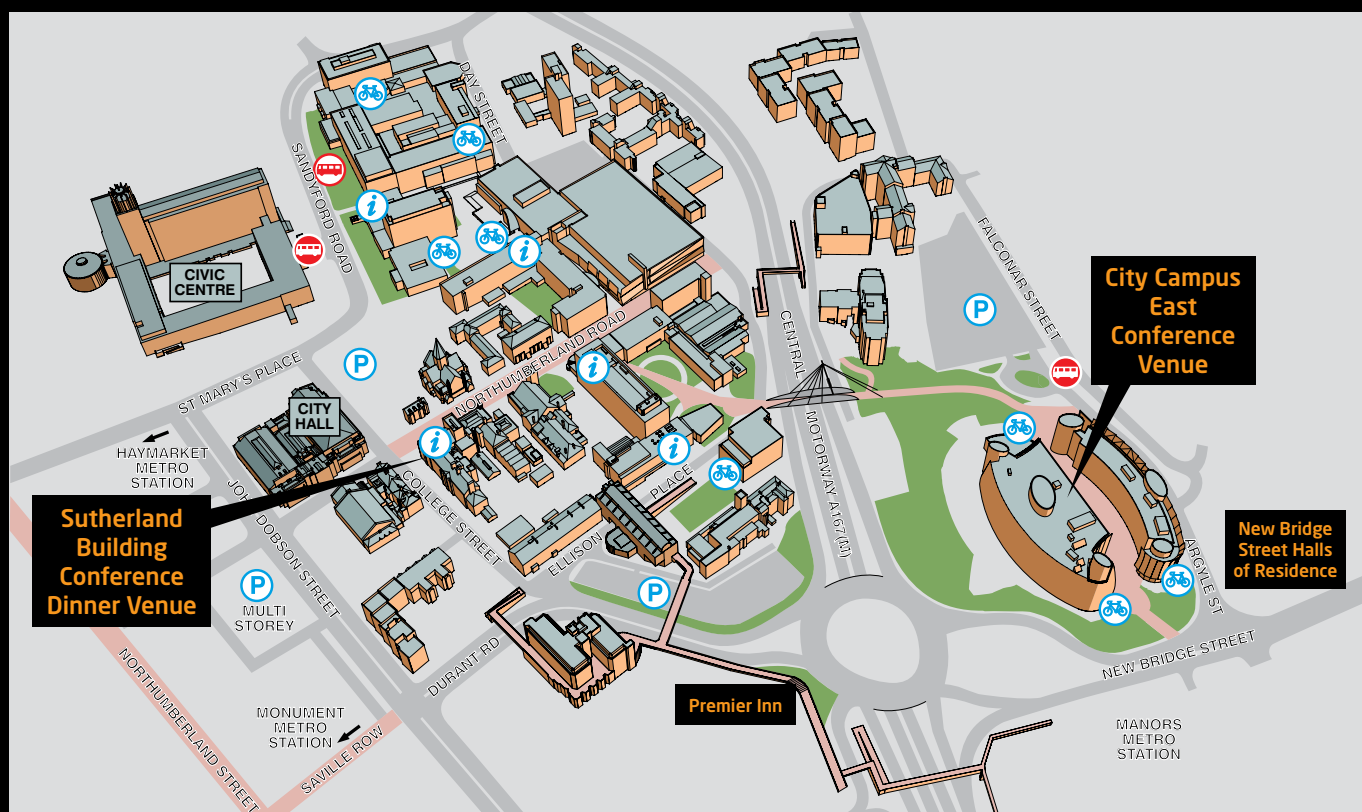
- Click on the Wireless Network Connection icon to the bottom right of your screen – You will be able to see a variety of wireless networks available – Click on NU Visitors and Click CONNECT
- Enter the Network Key provided
- Then click Connect
- Your screen will indicate that you are connected
- Open your web browser and click OK and Yes on the Security Alerts
- Please read the information on the Visitors Login page before logging in
- Then enter the username and password provided and click SUBMIT
- At the Security Alert click Yes
- The Northumbria University homepage will appear and you can continue using the Internet in the usual way.

Conference Dinner

The conference dinner on Thursday 5th September is taking place in the Great Hall, Sutherland Building. Please arrive for 7.30pm.

ATM Machine

The nearest ATM machine is located in the main foyer of City Campus East, the conference venue.





Contact Information

Conference website: www.northumbria.ac.uk/dwd-idrim2013

Email: sz.dwdconf@northumbria.ac.uk

Northumbria University Disaster and Development Network (DDN)

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IDRiM Society website: <http://idrim.org>

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Ellison Building B201, Northumbria University, Newcastle upon Tyne, United Kingdom NE1 8ST

www.northumbria.ac.uk/ddn