

## New Points of Departure in Transitioning Disaster Reduction and Sustainability Challenges

Tuesday 16<sup>th</sup> July, 2019

15:00 – 17:00 Registration: Main Foyer, City Campus East  
17:00 – 18:00 Meeting of Conference Host and Co-Organisers – Room 018, City Campus East

Wednesday 17<sup>th</sup> July, 2019 (Day One)

08:00 - 08:45 Registrations in main Foyer of City Campus East – breakfast refreshments

**08:45 - 09:15** **Opening Session:** Lecture Theatre 002  
Chair:

- *Welcome Address:* **Lucy Winskell** OBE, Pro Vice-Chancellor (Employability and Partnerships), Northumbria University
- *UK Disasters Research Group (DRG):* **John Rees**, United Kingdom Research and Innovation (UKRI), Global Challenges Research Fund (GCRF) Challenge Lead
- *UK Collaborative for Development Research (UKCDR):* **Adrian Bucher**, Research and Policy Officer
- *UK Alliance for Disaster Research (UKADR):* **Andrew Collins**, Co-Chair of UKADR, Disaster and Development Network (DDN), Northumbria University

**09:15 - 10:45** **Plenary Session One:** Lecture Theatre 002  
*'Setting the Scene – Why we need new points of departure for disaster reduction and sustainability'*  
Chair: Andrew Collins

*Presentation 1: Global Assessment Report and the Global Risk Assessment Framework, **Ricardo Mena**, Chief of the UNDRR Supporting and Monitoring Sendai Framework Implementation Branch, representing the Special Representative of the United Nations Secretary-General (RSG) for Disaster Risk Reduction and Head of UNDRR, Geneva*

*Presentation 2: Strengthening Local Disaster Risk Management Sustainably from the National Level, **H.E. Mitiku Kassa**, Commissioner, National Disaster Risk Management Commission (NDRMC) and **Tadesse Bekele**, Advisor, Government of Ethiopia*

*Presentation 3: DFID concerns and interests, **Roger Bellers**, Senior Humanitarian Adviser, Department for International Development (DFID)*

*Presentation 4: Research Investment that responds to Global Challenges, **Ruth Kelman**, Head of Resilient Environment, UKRI Natural Environment Research Council (NERC)*

10:45 - 11:00 Tea and Coffee

**11:00 - 13:00 Parallel Sessions**

Lecture Theatre 002	Seminar Room 223b	Seminar Room 213
Session: <b>'Advancing hazard impact assessment and modelling'</b> Chair: <b>Qihua Liang</b> , Loughborough University	Session: <b>'Vulnerability, engagement and disaster risk management'</b> Chair: <b>Wenyang Fu</b> , Northumbria University	Workshop: <b>'UNDRR / ISC Hazards Working Group'</b> Chair: <b>Virginia Murray</b> and <b>Lucy Fagan</b> , Public Health England
<p>1. <i>Rapid post disaster damage mapping with satellite imagery, citizen scientists and machine learning</i>  <b>Olga Isupova</b>, Danil Kuzin, University of Oxford, UK, <b>Brooke Simmons</b>, University of Lancaster, UK and <b>Steven Reece*</b>, University of Oxford, UK</p> <p>2. <i>Estimation of Snow Cover and climatic variability using MODIS data of Teesta river basin Sikkim, India</i>  <b>Jaydeo K. Dharpure</b>, <b>Ajanta Goswami</b>, Institute of Technology Roorkee, India, <b>Anil V. Kulkarni</b>, Indian Institute of Science, India</p> <p>3. <i>Using expert judgement and expert elicitation to assess or forecast natural hazards: a systematic review</i>  <b>Shreyasi Choudhury*</b>, Bruce D. Malamud, King's College London, <b>Amy Donovan</b>, University of Cambridge</p> <p>4. <i>Hydrodynamic modelling Glacier Lake Outburst Floods (GLOFs) and impact in Nepal</i>  <b>Qihua Liang</b>, Loughborough University, UK</p>	<p>1. <i>Narratives of vulnerability: how institutions shape everyday perceptions of a disaster</i>  <b>Anshu Ogra</b>, King's College London, <b>Amy Donovan</b>, University of Cambridge, <b>George Adamson</b>, King's College London, UK</p> <p>2. <i>Policies, politics and practices of landslide risk management in post-earthquake Nepal: Perspectives from above and below</i>  <b>Katie Oven</b>, Durham University, <b>Shubheksha Rana</b>, Kathmandu, Nepal, <b>Nick Rosser</b>, Durham University, <b>Gopi Basyal</b>, Durham University and National Society for Earthquake Technology, Nepal, <b>Mark Kincey</b> and <b>Alex Densmore</b>, Durham University, UK</p> <p>3. <i>'Everyday-life preparedness': case studies and applicability</i>  <b>Kaori Kitagawa</b>, UCL Institute of Education, UK</p> <p>4. <i>Socioeconomic vulnerability to wildfires in NW Spain</i>  <b>María-Luisa Chas-Amil</b>, University of Santiago de Compostela, <b>Jeffrey P. Prestemon</b>, USDA Forest Service, North Carolina, United States, <b>David Butry</b>, National Institute of Standards and Technology, Gaithersburg, United States, <b>Julia Touza</b>, University of York, UK</p> <p>5. <i>The making of man-made disasters: corruption and law violations as catalyst in increasing vulnerability</i>  <b>Ayesha L Khalil</b>, University College London, UK</p>	<p>This session will comprise:</p> <p>i) A presentation relating to new points of departure in the identification of hazards categorisation in the disaster risk nexus.</p> <p>ii) Group discussions about hazard classification.</p> <p>iii) Opportunity to contribute to the process of implementing the Sendai Framework for Disaster Risk Reduction.</p>

13:00 - 14:00 Lunch

**14:00 – 15:30**

**Plenary Session Two:** Lecture Theatre 002

*‘Facing changing challenges of disaster management policy and implementation’*

Chair: **Jane Entwistle**, Faculty Pro Vice-Chancellor (Research and Innovation), Engineering and Environment, Northumbria University

*Presentation 1:* **Julia Stewart-David**, Head of Unit, Civil Protection, European Commission

*Presentation 2:* *The UK Space Agency on increasing resilience to disasters in developing countries*, **Caroline Harper**, Lead Science Programme Manager, UK Space Agency

*Presentation 3:* Economic and Social Research Council, UK, Representative TBC

*Presentation 4:* *Bringing communities together for disaster risk reduction*, **Daryl Oprey**, The International Emergency Team UK

15:30 – 15:45 Tea and Coffee

**15:45 – 17:45**

**Parallel Sessions**

Lecture Theatre 002	Seminar Room 223b	Seminar Room 213
Session: <b>‘Institutional and intersectional disaster risk, sustainability and governance’</b> Chair: <b>Jacob Miller</b> , Northumbria University	Session: <b>‘Culture, values and perception based departures in preparedness, response and reaction to risk’</b> Chair: <b>Christine M. Kenney</b> , Massey University, New Zealand	Workshop: <b>‘UN STAG Data Working Group’</b> Chair: <b>Andrew Collins</b> and <b>Becky Richardson</b> , Northumbria University
1. <i>Climate information services for resilient smallholder agriculture</i> <b>Alison Sneddon*</b> , <b>Mirianna Budimir</b> and <b>Sarah Brown</b> , Practical Action  2. <i>Missing voices: An intersectional approach to understanding gender and disaster risk</i> <b>Sarah Brown*</b> , <b>Mirianna Budimir</b> and <b>Alison Sneddon</b> , Practical Action  3. <i>The growth of municipalities and risk governance in Nepal</i> <b>Hanna Ruszczyk</b> , University of Durham	1. <i>Love in a time of terror: Revisiting an indigenous love story in Christchurch New Zealand</i> <b>Christine M. Kenney</b> and <b>Suzanne R. Phibbs</b> , Massey University, New Zealand  2. <i>Perceptions on coping and adaptation strategies to environmental and climate stressors in Caribbean coastal communities</i> <b>Julia Touza*</b> , University of York, <b>Carmen Lacambra</b> , Grupo Laera, Colombia, <b>Alexandra Kiss</b> , <b>Rosa Mato Amboage</b> , Instituto de Investigaciones Marinas y Costeras (INVEMAR), Colombia, <b>Paula Sierra</b> , <b>Martin Solan</b> , <b>Tom Spencer</b> , University of Southampton,	This session will comprise:  i) A presentation on new points of departure for Action Data in disaster risk reduction and resilience.  ii) Group discussions regarding the improved role of data for disaster risk reduction.  iii) Opportunity to contribute to the process of implementing the Sendai Framework for Disaster Risk Reduction.

<p>4. <i>Civil Society: Top down &amp; Bottom Up</i>  4.1 <i>Top down: Making aid agencies work: potential and challenges for civil society organizations supporting transitioning disaster reduction and sustainability</i>  4.2 <i>Bottom up: DRR to development: Local level perspectives in bridging the practitioner / academic divide</i>  <b>Terry Gibson</b>, Inventing Futures</p> <p>5. <i>Communities’ Perspectives on Effective Community Participation in Disaster Risk Reduction (DRR)</i>  <b>Subhajyoti Samaddar</b>, <b>Hirokazu Tatano</b>, Disaster Prevention Research Institute (DPRI), Kyoto University, Japan</p>	<p><b>Piran C. L. White</b>, University of Cambridge</p> <p>3. <i>Developing a “culture of preparedness” – lessons from the CARISMAND project</i>  <b>Sandra Appleby-Arnold</b>, University of Edinburgh, <b>Noellie Brockdorff</b>, University of Malta</p> <p>4. <i>Yonmenkaigi System Method as an educational framework for Climate Change within the United Kingdom: A pilot study</i>  <b>Mark Ashley Parry</b>, Northumbria University, UK</p> <p>5. <i>Disaster risk perception of the Rohingya Refugees in Cox’s Bazar, Bangladesh</i>  <b>Bayes Ahmed*</b>, <b>Peter Sammonds</b>, <b>Shamrita Zaman</b>, IRDR, University College London, <b>Taifur Rahman</b>, Health Management BD Foundation, Bangladesh</p>	
--	--	--

18:00 – 19:30 Welcome Reception at Conference Venue

### Thursday 18<sup>th</sup> July (Day Two)

08:15 – 09:00 Breakfast refreshments (main foyer outside Lecture Theatre 002)

**09:00 - 10:40** **Plenary Session Three:** Lecture Theatre 002  
*‘Transitioning well-being via Disaster Risk Management’*  
Chair:

*Presentation 1: Jonathan Abrahams*, Disaster Risk Management Focal Point, World Health Organization Emergencies Programme, WHO Geneva

*Presentation 2: Virginia Murray*, Head of Global Disaster Risk Reduction, Public Health England

*Presentation 3: Health communication in Hong Kong’s civil unrest, Gloria K.W. Chan*, Deputy Director, Collaborating Centre for Oxford University and Chinese University of Hong Kong for Disaster and Medical Humanitarian Response (CCOUC), Hong Kong

10:40 – 11:00 Tea and Coffee

**11:00 - 13:00**      **Parallel Sessions**

Lecture Theatre 002	Seminar Room 223b	Seminar Room 213
<p>Symposium: <b>WHO Thematic Platform for Health Emergency and Disaster Risk Management Research Network</b>                      Chair: <b>Gloria Chan / Virginia Murray</b></p>	<p>Session: <b>'Progressing Change in Disaster Management Planning for Critical Infrastructures'</b>                      Chair: <b>Derek Johnson</b>, Northumbria University</p>	<p>Session: <b>'DRR and preparedness for very extreme scenarios Alliance to Feed the Earth in Disasters'</b>                      Chairs: <b>Ray Taylor, ALLFED, Lee Miles / Peter Alexander</b>, GCRF                      rugs-project.uk</p>
<p>1. <b>Ryoma Kayano</b>, Officer, WHO Kobe Centre, Japan</p> <p>2. <i>Enhancing H-EDRM research and education for urban community resilience – the case of Mangkhut</i>  <b>Carol Ka-Po Wong</b>, CCOUC, Hong Kong</p> <p>3. <i>Health impact of flood disaster: experience of children from a slum community in Lagos State, Nigeria</i>  <b>Ruth Ochanya Adio-Moses</b>, University of Ibadan, Nigeria</p> <p>4. <i>Bringing US long-term care and skilled nursing facilities up to acceptable levels of emergency preparedness compliance</i>  <b>John J. Walsh Jr</b>, Vanderbilt University Medical Center, USA</p> <p>5. <i>Innovative communication and engagement for children's hand washing behaviour in high risk environments</i>  <b>Becky Richardson</b>, University of Northumbria, UK</p> <p>6. Northumbria Healthcare Trust</p>	<p>1. <i>Shared leadership in dangerous contexts: The implication for emergency response teams</i>  <b>Merel Knox</b> and <b>Richard Kotter</b>, Northumbria University</p> <p>2. <i>Becoming a recognised 'good practice' case study for urban risk management: An analysis of critical junctures for institutional development in Manizales, Colombia</i>  <b>Julia Wesely</b> and <b>Cassidy Johnson</b>, The Bartlett Development Planning Unit, University College London</p> <p>3. <i>Cascading effects on Overhead Line Equipment (OHLE) of extreme wind and flood events</i>  <b>Chayut Ngamkhanong*</b>, <b>Sakdirat Kaewunruen</b> and <b>Charalampos Baniotopoulos</b>, University of Birmingham, UK</p> <p>4. <i>Disaster Adaptation to Mitigate Storm Surge (DAMSS) – A framework proposal towards storm surge resilience</i>  <b>Anitha Karthik</b>, <b>Sean R. Smith</b>, <b>Naren Gupta</b>, Edinburgh Napier University, UK</p> <p>5. <i>Community needs of host and displaced communities following a disaster and conflict-induced mass displacements: a review of literature</i>  <b>R.R.J.C Jayakody*</b>, <b>C. Malalgoda</b>, <b>Dilanthi Amaratunga</b> and <b>Richard Haigh</b>, University of Huddersfield, UK</p>	<p><b>THEMES:</b></p> <p><b>UK, Asia and global resilience</b> to abrupt scenarios</p> <p><b>Cases:</b> Naples/Tambora eruptions; 2 years without rain</p> <p><b>Multiple Breadbasket Failure (MBBF)</b></p> <p><b>International responses</b> to extreme scenarios</p> <p><b>Resilience</b> via large scale alternative foods</p> <p><b>Media</b> and communication</p> <p><b>Inter-discipline:</b> DRR + GCR (Global Catastrophic Risk)</p> <p><b>Financing</b> GCR preparedness and resilience</p> <p><b>Research</b> funding + priorities for GCR resilience</p> <p><b>Participants can focus on their priority theme</b></p>

13:00 - 14:00      Lunch

**14:00 – 15:45 Parallel Sessions**

Lecture Theatre 002	Seminar Room 223b	Seminar Room 213	Seminar Room 222
<p>Symposium: <b>WHO Thematic Platform for Health Emergency and Disaster Risk Management Research Network</b> Chair: <b>Ryoma Kayano / Virginia Murray</b></p>	<p>Session: <b>GCRF Research Hubs; ‘Tomorrow’s Cities and Living Deltas’</b> Facilitators: <b>Hugh Sinclair</b>, Edinburgh University and <b>Andy Large</b>, Newcastle University Chairs: <b>Kate Crowley</b>, Edinburgh University and <b>Louise Bracken</b>, Durham University</p>	<p>Session: <b>‘Advancing Impact Assessment, Preparedness and Early Warning’</b> Chair: <b>David Gleeson</b>, Faculty Pro Vice-Chancellor, Arts, Design and Social Sciences, Northumbria University</p>	<p>Session: <b>‘Technology Enhanced Disaster Risk Reduction and Response’</b> Chair: <b>Terrence Fernando</b>, University of Salford, UK</p>
<p>1. <i>The inverse response law: A global gaze on institutional failure in the aftermath of disaster</i> <b>Suzanne Pibbs</b> and <b>Christine M. Kenny</b>, Massey University, New Zealand</p> <p>2. <i>Rapid risk assessment for communicable diseases in humanitarian emergencies and disasters</i> <b>Charlotte C Hammer</b>, University of East Anglia, UK</p> <p>3. <i>Health and well-being of displaced population in disaster settings: victims and survivors reactions to losses and refugees’ trauma</i> <b>Amer Hosin</b>, University of Ulster, UK</p> <p>4. <i>Mental Health in Complex Emergencies: Brief Overview of Issues and Controversies</i> <b>Jane Gilbert</b>, Consultant Clinical Psychologist, UK</p> <p>5. <i>Please mind the gap between the train and the platform edge: the sanitary systems of railways: perception, reality and behaviour</i> <b>Anthony Corkin</b>, Northumbria University</p>	<p><b>Hugh Sinclair</b>, Edinburgh University <b>Brian Golding</b>, Meteorological Office, UK <b>Sophie Blackburn</b>, Kings College London <b>Ryerson Christie</b>, Bristol University <b>Jenni Barclay</b>, University of East Anglia <b>Andy Large</b>, Newcastle University <b>Louise Bracken</b>, Durham University <b>Qihua Liang</b>, Loughborough University</p>	<p>1. <i>Early Warning Systems and evacuation: The rare and extreme hazard among frequent, small-scale events. Windstorm case studies from the Philippines (Super Typhoon Yolanda (Haiyan) and Dominica (Hurricane Maria))</i> <b>Rebekah Yore</b> and <b>Joanna Faure Walker</b>, University College London, UK</p> <p>2. <i>Reflections on flood early warning systems in Nepal and Peru</i> <b>Mirianna Budimir</b>, <b>Sarah Brown</b>, <b>Alison Sneddon</b>, Practical Action</p> <p>3. <i>Collaborative Early Warning System: An integrated Framework for mitigating impacts of natural hazards in the UAE</i> <b>Abdulla Al Hmoudi</b>, Abu Dhabi Police Emergency Department and Rabdan Academy, UAE</p> <p>4. <i>Global food security impacts of abrupt shocks, and research priorities</i> <b>Peter Alexander</b>, GCRF rugs-project.uk, <b>Aron Mill</b>, ALLFED Berlin, <b>Ray Taylor</b>, ALLFED, <b>Simon Day</b>, UCL, <b>David Denkenberger</b>, Alaska, Fairbanks</p>	<p>1. <i>Use of Satellite Technologies for predicting potential landsliding disasters</i> <b>Andrew Iwanoczko</b>, Telezpazio Vega UK Ltd</p> <p>2. <i>Assessment of the impact of floods through modelling and simulation support</i> <b>Neil Entwistle</b>, AquaUS – Salford University</p> <p>3. <i>Multi-agency Collaboration Platform for Supporting Disaster Risk Reduction</i> <b>Terrence Fernando</b>, THINKlab, University of Salford, UK</p> <p>4. <i>Challenges in implementing a digital approach to multi-agency collaboration in DRR: UK Perspective</i> <b>Ian Everall</b>, MirrorWorld Technologies Ltd</p> <p>5. <i>Virtual Incident Training Environment for Disaster Response</i> <b>Simon Champion</b></p>

15:45 – 16:00

Tea and Coffee

**16:00 - 17:30**

**Plenary Session Four:** Lecture Theatre 002

*'Futures, systems, evidence and ideas'*

Chair: **Phil O'Keefe**, Emeritus Professor, Northumbria University, UK

*Presentation 1: Why we need to invent stewardship cities*, **Peter Taylor**, Emeritus Professor, Northumbria University, UK

*Presentation 2: Existential Threats – Modern Agile Conflict*, **Maitland Hyslop**, DDN Affiliate, Northumbria University, UK

Presentation 3: **Ben Heaven Taylor**, Chief Executive Officer, Evidence Aid

17:30 – 18:45

UKADR Annual General Meeting: Room TBC

**19:00 – 21:30**

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

## Friday 19<sup>th</sup> July (Day Three)

08:15 – 09:00

Breakfast refreshments (main foyer outside Lecture Theatre 002)

**09:00 - 10:40**

**Plenary Session Five:** Lecture Theatre 002

*'Actions and hope in transitioning from disaster scenarios to sustainable futures'*

Chair:

*Presentation 1: Challenges of interagency collaboration in emergency response in Nigeria*, **Tajudeen Akanji**, Institute for Peace and Strategic Studies, University of Ibadan, Nigeria

Presentation 2: **Jenni Barclay**, University of East Anglia

*Presentation 3: Influencing policy and practice agendas through disaster risk, resilience and climate change research into action*, **Sarah Blackburn** and **John Rees**, UKRI, GCRF

10:40 – 11:00 Tea and Coffee

**11:00 - 13:00 Parallel Sessions**

Lecture Theatre 002	Seminar Room 223b	Seminar Room 213
<p>Symposium: <b>'Youth Voice'</b> Chair: <b>Mark Ashley Parry</b>, Northumbria University</p>	<p>Session: <b>'Environmental Sustainability, Demands on Science and People in Resisting Critical Harm'</b> Chair: <b>Luke Parry</b>, Lancaster University, UK</p>	<p>Session: <b>'Technical Disasters, Human Induced Seismicity, Hydraulic Fracturing and Crime'</b> Chair: <b>Paul Stretesky</b>, Northumbria University</p>
<p>Presenters:</p> <p><b>Tanya Cross</b>, Inglehurst Junior School, Leicester, UK</p> <p><b>Jonathan Nicholls</b>, Werneth School, Stockport, UK</p> <p><b>Alexander Virgili</b>, Corpo Italiano di San Lazzaro, Italy and United Nations Major Group for Children and Youth</p> <p><b>Francis McIlhenny and Robyn Miller</b>, Disaster and Development Society, Northumbria University, UK</p> <p><b>South African Youth Centre for Disaster Risk Reduction</b>, North-West University, Potchefstroom, South Africa</p> <p>Greta Thunberg Speech (video) Extinction Rebellion Review</p> <p>Panel:</p> <ul style="list-style-type: none"> <li>- <b>Alexander Virgili</b>, Corpo Italiano di San Lazzaro</li> <li>- <b>Mark Ashley Parry</b>, Northumbria University, UK</li> <li>- <b>Peter McGowan</b>, King's College London, UK</li> <li>- <b>Richard Kotter</b>, Northumbria University, UK</li> <li>- <b>Subhajyoti Samaddar</b>, Kyoto University, Japan</li> <li>- <b>Virginia Murray</b>, Public Health England, UK</li> </ul>	<p>1. <i>Strengthening capacities to manage flood risk in Senegal: enhancing heavy rainfall and impact nowcasting, and reviewing the communication and use of warnings</i> <b>Steven J. Cole*</b>, Centre for Ecology &amp; Hydrology, UK, <b>Emma Visman</b>, VNG Consulting, UK, <b>Tanya Warnaars</b>, Centre for Ecology &amp; Hydrology, UK, <b>Mariane Diop-Kane</b>, <b>Moustapha Kamara</b>, Agence Nationale de l'Aviation Civile et de la Météorologie (ANACIM), Senegal, <b>Malick Diagne</b>, GeoRisk Afric, Senegal, <b>Seonaid R. Anderson</b>, <b>Christopher M. Taylor</b>, <b>Cornelia Klein</b>, Centre for Ecology &amp; Hydrology, UK</p> <p>2. <i>Slow emergencies? Amazonian droughts, (dis)connecting jungle cities and everyday harm</i> <b>Luke Parry</b>, Lancaster University, UK</p> <p>3. <i>Towards a hybrid epistemology: Why social and physical science should work together in the El Niño Southern Oscillation research</i> <b>George Adamson</b>, Department of Geography, King's College London</p> <p>4. <i>From man-made disaster to environmental hazard: Strategic Design Intervention of a learning centre for Rohingya children considering future reclamation of nature</i> <b>AKM Sirajuddin</b>, BRAC University and <b>Yasmin Ara</b>, Lancaster University</p>	<p>1. <i>Natural, Technological, and Natech disaster research: toward a convergence of perspectives</i> <b>Duane Gill</b>, Oklahoma State University</p> <p>2. <i>Perceptions associated with human-induced seismicity: qualitative findings from Oklahoma and Colorado</i> <b>Liesel Ritchie</b>, Oklahoma State University)</p> <p>3. <i>A systematic review of the relationship between shale gas development and crime</i> <b>Paul Stretesky</b>, Northumbria University and <b>Philip Grimmer</b>, University of Heidelberg</p> <p>4. <i>Improving organisational resilience to the cascading effects of technological failures</i> <b>Gianluca Pescaroli</b>, <b>Ilan Kelman</b>, <b>Rob Wicks</b>, <b>David Alexander</b>, University College London</p>

13:00 - 14:00 Lunch



14:00 - 16:00

**Parallel Sessions**

Lecture Theatre 002	Seminar Room 223b
Session: <b>'Concatenated Urban / High Density Risk and Recovery'</b> Chair: <b>Mike Deary</b> , Northumbria University	Session: <b>'Strategic Local Level Interventions and Resiliency Responses to Crises'</b> Chair:
<ol style="list-style-type: none"> <li>1. <i>Real time research and supporting urban self-recovery after disasters. The case of Cyclone Idai, Beira, Mozambique</i>  <b>Holly Schofield</b>, Care International, UK</li>   <li>2. <i>The 2019 contingency associated with increased volcanic activity at Popocatepetl Volcano, Mexico</i>  <b>Ana Lillian Martin Del Pozzo*</b>, <b>Carmen Jaimes-Viera</b>, <b>Sandra Gonzalez</b>, <b>Montserrat Luna</b>, <b>Amiel Nieto-Torres</b>, <b>Mario Díaz</b>, <b>Fernando Franco</b>, <b>Alberto Paz</b> and <b>Natalie Guerrero</b>                      Universidad Nacional Autónoma de México, México</li>   <li>3. <i>Planning for climate change adaptation. The case of TACC Colombia</i>  <b>Monica Bernal Llanos</b>, The Bartlett Development Planning Unit, University College London</li>   <li>4. <i>Major air pollution incidents and a model for estimating the risk from acute particulate exposure on public health</i>  <b>Simon Griffiths</b>, University of Northumbria</li>   <li>5. <i>A Flood Preparedness Model For Resilience Around Fluvial Disasters</i>  <b>Isaac Dziya</b>, University of Huddersfield, UK</li>   <li>6. <i>Construction Health, Safety &amp; Resilience in post-Disaster/Emergency Response</i>  <b>Simon Daly</b>, O'Halloran &amp; O'Brien Ltd</li> </ol>	<ol style="list-style-type: none"> <li>1. <i>Negotiating NGO-state relations for equitable resilience: evidence from the Andaman Islands</i>  <b>Sophie Blackburn</b>, Kings College London, UK</li>   <li>2. <i>Towards measurement of resilience of educational communities</i>  <b>R Parajuli</b>, <b>M Xanthou</b>, <b>J Agarwal</b>, <b>A Sextos</b>, University of Bristol, <b>Maria G. Xanthou</b>, University of Bristol, Harvard CHS, Hellenic Open University</li>   <li>3. <i>Tackling persistent exclusion of older people and people with disabilities in humanitarian responses: Towards critical capacity building of humanitarian organisations</i>  <b>Supriya Akerkar</b>, Oxford Brookes University, UK</li>   <li>4. <i>Building resiliency and capability in the wake of challenges, risks and vulnerability: The UAE case example</i>  <b>Ibrahim Almarzouqi</b>, United Arab Emirates</li>   <li>5. <i>Assemblage Theory and the future of Disaster Risk Management (DRM) in Kalimpong, India</i>  <b>Peter McGowran</b>, King's College London</li>   <li>6. <i>Viewing Community Resilience in the South through the "eyes" of Mega Storms: A conceptual Analysis</i>  <b>Henry Bang*</b> and <b>Lee Miles</b>, Bournemouth University</li> </ol>

16:00 – 16:15

Tea and Coffee

16:15 - 16:50

**Plenary Session Six:** Lecture Theatre 002

**Facilitated Group Discussion**

*Chairs: Andrew Collins et al.*

*Topic: "New points of departure in transitioning disaster reduction and sustainability challenges"*

16:50 – 17:00

Closing: Conference Chairs – Lecture Theatre 002

