

Institute of Hazard, Risk and Resilience and Dealing with Disasters Conference

The Impact of Hazard, Risk and Disasters on Societies

19th – 22nd September 2017
Durham University, UK

Conference Programme

Uploading Presentations:

Please upload your presentations at the reception desk the morning or lunch time prior to your session. Convenors and speakers will then be able to access the presentations from the rooms. You will be able to open and check your presentation at this time.

The registration desk will be located at the entrance to the Calman Learning Centre and will be available as follows:

Tuesday 19 th September	17:00 – 18:30	
Wednesday 20 th September	08:00 – 10:00	and 11:30 – 13:30
Thursday 20 th September	08:00 – 10:00	and 11:30 – 13:30
Friday 21 st September	08:00 – 10:00	

Length of presentations

The time slot for presentations includes time for the presentation and questions. Please leave 5 minutes for questions at the end of your presentations.

Location of sessions

All conference sessions will take place on the Durham University Science Site. Rooms are specified on the programme and are outlined below.

Room Number	Room Name	Building Name	Map Number
406	Derman Christopherson	Calman Learning Centre	43
407	Kingsley Barrett	Calman Learning Centre	43
204	Rosemary Cramp	Calman Learning Centre	43
203	Ken Wade	Calman Learning Centre	43
W007		Geography	40
W010		Geography	40
W414		Geography	40

The map is included in your conference pack.

Plenary Keynote Speakers

All plenary talks will take place in the Rosemary Cramp Lecture Theatre (room 204) in the Calman Learning Centre.

Day	Time	Speaker
Wednesday 20 th	09:00 - 10:00	Margareta Whalström President, Swedish Red Cross (UN Special Representative for Disaster Risk Reduction 2008-2015)
	14:00 - 14:30	Prof. Stuart Corbridge, VC Durham University Hazards, Risks and Disasters: Field Notes from India.
	17:00 18:00	Ciro Ugate Director, Emergency Preparedness & Disaster Relief, Pan American Health Organization Protecting the Public's Health from Emergencies and Disasters
Thursday 21 st	09:00- 09:30	Eelco Dykstra 11th Brunel International Lecturer 2016-2018, Institution of Civil Engineers From Risk to Resilience: Creating Opportunities... - by Benchmarking Local Communities
	09:30 - 10:00	Dr Amod Dixit Executive Director, National Society for Earthquake Technology, Nepal. Reflecting on 30 years of earthquake risk reduction efforts in Nepal and looking to the future

Health Centred Disaster Risk Reduction

Chair: Andrew Collins

Wednesday 20th September Rosemary Cramp Lecture theatre (204), Calman Learning Centre		
Time	Speaker	Title
09:00 – 10:00	<i>PLENARY KEYNOTE: Margareta Whalström</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
10:00 – 10:30	Virginia Murray	tbc
10:30 – 11:00	Refreshment Break	
11:00 – 11:20	Ron Law	tbc
11:20 – 11:40	Charlotte Hammer	Re-Conceptualising vulnerability as a part of risk in global health emergency response
11:40 – 12:00	Sachiko Nakamura	tbc
12:00 – 13:00	Lunch Break	
13:00 – 13:20	Charlotte Hammer	Risk factors for communicable diseases in disasters and humanitarian emergencies
13:20 – 13:40	Cartwright, C., Hall, M and Lee, ACK.	The Changing Health Priorities of Earthquake Response and Implications for Preparedness: A Scoping Review
13:40 – 14:00	Kylah Genade	Transdisciplinary Health Promotion for Promoting Disaster Risk Reduction in targeting Neglected Tropical Diseases in Southern Africa
14:00 – 14:30	<i>PLENARY KEYNOTE: Prof. Stuart Corbridge</i> Rosemary Cramp Lecture Theatre (room 204)	
14:30 – 15:00	Refreshment Break	
15:00 – 15:20	Nibedita S Ray-Bennett	Menstrual Regulation and Post Menstrual Regulation Care Challenges During Flood: An Insight from Belkuchi Sub-District of Bangladesh
17:00 – 17:30	<i>PLENARY KEYNOTE: Ciro Ugate</i> Rosemary Cramp Lecture Theatre (room 204)	

Social Dimensions of Hazards and Risks

Chair: Lena Dominelli

Wednesday 20th September		
Ken Wade Lecture theatre (203), Calman Learning Centre		
09:00 – 10:00	<i>PLENARY KEYNOTE: Margareta Whalström</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
10:00 – 10:30	Lena Dominelli	Welcome and Introduction to the The Social Dimensions of Disasters
10:30 – 11:00	Refreshment Break	
KEYNOTE		
11:00 – 12:00	Dr Ben Wisner	The Next Paradigm Shift: From Disaster Risk Reduction to Reducing Disaster Risk Creation
12:00 – 13:00	Lunch Break	
13:00 – 14:00	Dr Julie Drolet	The Health Effects of the Alberta Wildfire and Evacuation: Pediatric Resiliency
14:00 – 14:30	<i>PLENARY KEYNOTE: Prof. Stuart Corbridge</i> Rosemary Cramp Lecture Theatre (room 204)	
14:30 – 15:00	Refreshment Break	
PANEL ON GROWING RESILIENCE (10 MINUTES PER SPEAKER)		
15:00 – 15:10	Nuwan Dias	Climate Change Adaptation – Is It a Part of Disaster Risk Reduction or a Separate Discipline
15:10 – 15:20	A M Aslam Saja, S.M. Lafir Sahid and M. Sutharshanan	Risk-Sensitive Development Planning to Build resilient Communities: A Case Study from Northern Sri Lanka
15:20 – 15:35	Lena Dominelli	Closing Remarks
17:00 – 17:30	<i>PLENARY KEYNOTE: Ciro Ugate</i> Rosemary Cramp Lecture Theatre (room 204)	

Using the concept of resilience, looking into the future

Chair: Hanna Ruszczyk and Emily Wilkinson

Wednesday 20th September		
Kingsley Barrett Lecture Theatre (407), Calman Learning Centre		
13:00 – 13:10	Hanna Ruszczyk Durham University Emily Wilkinson ODI	Introduction
13:10 – 13:30	Erwin Nugraha	Resilient city: resilience and liberal governance
13:30 – 13:50	John Forrester	Bringing equity into resilience practice
14:00 – 14:30	<i>PLENARY KEYNOTE: Prof. Stuart Corbridge</i> Rosemary Cramp Lecture Theatre (room 204)	
14:30 – 15:00	Refreshment Break	
15:00 - 15:20	Camilla Audia	Consortium work for strengthening resilience: lessons learned from Building Resilience and Adaptation to Climate Extremes and Disasters (BRACED) projects.
15:20 – 15:40	Zahra Hussain	Crafting resilience; weaving alternative futures
15:40 – 16:00	Reflections	Emily Wilkinson Terry Cannon
16:00 – 16:40	General Discussion	
17:00 – 17:30	<i>PLENARY KEYNOTE: Ciro Ugate</i> Rosemary Cramp Lecture Theatre (room 204)	

Health Interventions in Volcanic Eruptions

Chair: Claire Horwell

Wednesday 20th September		
Geography W010		
Time	Speaker	Title
15:00 – 15:10	Claire Horwell	Overview of the Health Interventions in Volcanic Eruptions study
15:10 – 15:40	Karen Galea	Performance of respirators, masks and cloth used to protect against inhaling volcanic ash
15:40 – 16:10	Judith Covey	Psychological determinants of protective actions against volcanic ash inhalation in communities in Mexico, Indonesia and Japan
16:10 – 16:40	Claudia Merli & Ernesto Schwartz-Marin	Respiratory protection from volcanic ash: comparative anthropological perspectives from active volcanoes in Mexico, Indonesia and Japan
16:40 – 17:00	Fiona McDonald	Ethical considerations of recommending or distributing facemasks for community protection from ambient air pollution events
17:00 – 17:30	<i>PLENARY KEYNOTE: Ciro Ugate</i> Rosemary Cramp Lecture Theatre (room 204)	

Natural Hazards Partnership: working together to provide advice on natural hazards

Chair: Helen Balmforth, Helen Reeves

Wednesday 20th September		
Geography W414		
Time	Speaker	Title
15:00 – 15:20	Helen Balmforth or Helen Reeves, BGS	Overview of the Natural Hazards Partnership (NHP)
15:20 – 15:40	Oliver Gunawan, HSL	Hazard Impact Framework
15:40 – 16:00	Steve Cole, CEH	Surface Water Flooding Hazard Impact Model
16:00 – 16:20	Hazel Napier, BGS	EVER-EST project and the NHP
16:20 – 16:40	Brian Golding, Met Office	The contribution of the HIWeather project to improving disaster early warnings
17:00 – 17:30	<i>PLENARY KEYNOTE: Ciro Ugate</i> Rosemary Cramp Lecture Theatre (room 204)	

Vulnerabilities

Chair: Marc Botha

Thursday 21 st September		
Geography W010		
Time	Speaker	Title
09:00 – 09:30	<i>PLENARY KEYNOTE: Eelco Dykstra</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
09:30 – 10:00	<i>PLENARY KEYNOTE: Dr Amod Dixit</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
10.00 – 12.00	Sarah Atkinson (Durham)	“Diagnostic vulnerabilities in living with multimorbidity”
	Rob Cover (Western Australia)	“Vulnerabilities of Resilience: Rescuing concepts of resilience, risk and resistance for new approaches to social change”
	Lesley Gray (Otago) (SKYPE)	“Vulnerabilities relating to size, shape and weight in disasters”
12:00 – 13:00	Lunch Break	
13.00 – 14.30	Networking Discussion	“Vulnerabilities” and the “Risk Humanities” paradigms and future collaboration within and beyond the Matariki Network of Universities
14:30 – 15:00	Refreshment Break	
15.00 – 16.30	Bonny Nur Ischaq Darmadji, Annisa Utami Kusuma Negara, Setyo Agung Laksono (Indonesia)	“The Love and the Fear: The Source of the Forest Invulnerability in Kasepuhan Adat Cisungsang Village”
	Marc Botha (Durham)	“The Value of Fragility: Emerging Queer Ecologies in the Work of Meredith Monk” vulnerabilities in living with multimorbidity
	Lesley Gray (Otago)	Vulnerabilities relating to size, shape and weight in disasters

Friday 22nd September

Geography W010

Time	Speaker	Title
<i>KEYNOTE</i>		
10:30 – 12:00	Don Kulick (Uppsala)	Vulnerability and Social Justice
12:00 – 13:00	Lunch Break	
13.00 – 14.30	Jules Sturm (Amsterdam)	Constructed Vulnerabilities in Reproductive Narratives
	Devin Singh (Dartmouth) and Michael Thate (Tübingen):	“Smelling Danger: Scent, Embodiment, and Genealogies of Communal Vulnerability”
14:30 – 15:00	Refreshment Break	
15:00 – 16:30	Debarati Bandyopadhyay (Visva-Bharati)	“Of Vulnerability and Humanity: 'Big Dam' Literature.”
	Francisco- J Hernández Adrián (Durham):	“Fragile visual futures: the imagination of littoral precarity in recent Latin American cinema”

Progress and Prospect in Disaster Risk Reduction (in conjunction with UKADR)

Chairs: Andrew Collins and Mark Pelling

Thursday 21st September		
Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre		
Time	Speaker	Title
09:00 – 09:30	<i>PLENARY KEYNOTE: Eelco Dykstra</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
09:30 – 10:00	<i>PLENARY KEYNOTE: Dr Amod Dixit</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
<i>KEYNOTE</i>		
10:00 – 10:30	John Rees	Progress and prospect in disaster risk reduction research investments.
<i>MANAGING RISK</i>		
10:30 – 11:00	Refreshment Break	
11:00 – 11:20	Prof. Brian Golding	The contribution of the HIWeather project to improving disaster early warnings
11:20 – 11:40	Xiujuan Zhao, Coates, G and Wei Xu	Earthquake disaster shelter location and allocation
<i>COMMUNICATION AND LEARNING</i>		
11:40 – 12:00	Yiwen Lin	Community-led active learning and its role in sustainable disaster recovery: the case of Minami-Sanriku, Japan
12:00 – 13:00	Lunch Break	
13:00 – 13:20	Federico M. Federici	Crises in Multilingual Contexts, or the Translation Barrier
13:20 – 13:40	Anna Hicks	Risk Communication Films: Process, Product and Potential for Improving Preparedness and Behaviour Change
13:40 – 14:00	Christine Hagar	Strengthening Community Engagement and Resilience Efforts in Climate Change: Public Program Strategies
14:00 – 14:20	Emily Wilkinson	Delivering DRR by 2030: Pathways to Progress
14:30 – 15:00	Refreshment Break	
15:00 – 15:20	Eleanor Bainbridge	Disaster Resilience in Nepal Post Gorkha Earthquake
<i>UNDERLYING THEORETICAL CHALLENGES</i>		
15:20 – 15:40	Terry Cannon	Disaster Risk Creation
15:40 – 16:00	Heidi Tuhkanen	Understanding the trade-offs between development and disaster risk: a typology

16:00 – 16:20	Dr. Nahid Rezwana	Gender-sensitive disaster management plan to reduce gendered health impacts of cyclones in the coastal region of Bangladesh
16:20 – 16:40	Susanne Sargeant <i>et al</i>	Promoting safer building and improving support to self-recovery: geohazards and the use of scientific knowledge
16:40 – 17:00	Lafir Mohamed	Community led approach to risk sensitive development – a case from Myanmar

Friday 22nd September

Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre

RESPONSE/RECONSTRUCTION

09:00 – 09:20	Fachrul Rizki and Niswa Nabila	Sister Village: Disaster Risk Reduction based on Local Indigenous in Magelang District
09:20 – 09:40	Coates G, Li C, Ahilan S, Wright N	Exploring Small and Medium Enterprises behaviours to enhance resilience to flooding
09:40 – 10:00	Rev. Wimalajothi Thero Samadhigama	Problem Prevention rather than Conflict Resolution
10:30 – 11:00	Refreshment Break	
11:00 – 11:20	Anastasios G. Sextos	Seismic Safety and Resilience of Schools in Nepal
11:20 – 11:40	Richard Kotter	Advancing the fire safety of the most vulnerable tenants in multi-occupancy housing post-Grenfell – a breakthrough on the horizon for the deployment of domestic sprinklers ?
11:40 – 12:00	Andrew Collins	Discussion

Water related hazard, risk and resilience

Chair: Louise Bracken

Thursday 21st September		
Ken Wade Lecture theatre (203), Calman Learning Centre		
Time	Speaker	Title
09:00 – 09:30	<i>PLENARY KEYNOTE: Eelco Dykstra</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
09:30 – 10:00	<i>PLENARY KEYNOTE: Dr Amod Dixit</i> Rosemary Cramp Lecture Theatre (room 204), Calman Learning Centre	
<i>KEYNOTE</i>		
10:00 – 10:30	Safiah Yusoff	Challenges for global water security
<i>UNDERSTANDING FLOODING</i>		
10:30 – 11:00	Refreshment Break	
<i>FLOOD RESILIENCE AND ADAPTATION</i>		
11:00 – 11:20	Kate Crinion	The development of a theoretical framework to enhance transformational resilience within a post-flooding context in Northern Ireland.
11:20 – 11:40	Ajaz Ahmed	An Analysis of Flood Adaptations and Their Extent in District Nowshehra Pakistan
<i>MANAGING WATER CHALLENGES</i>		
11:40 – 12:00	Tyagi P, Consuegra D & Pande RK	Community Participation in the Management of Flash Flood Disaster in Kedarnath Valley of Garhwal Himalaya, Uttarakhand, India
12:00 – 13:00	Lunch Break	
13:00 – 13:20	de Almeida e Souza PC and Frederico Loureiro C	Psychosocial impacts of floods/landslides on communities in Rio de Janeiro state, Brazil
13:20 – 13:40	Euan Innes	Social Vulnerability to Drought in Rural Malawi – Index study
13:40 – 14:00	Trogrlić RS, Wright G, Adelaye A, Duncan M, Mwale F	Local knowledge in community-based flood risk management: perspectives from the Lower Shire Valley in Malawi
14:00 – 14:20	Schembri, JA Causon Deguara, J and Gauci R	Marine water intrusion in coastal urban areas in Malta
14:30 – 15:00	Refreshment Break	
15:00 – 15:20	Vestena LR and Reaney S.	Identification of the key diffuse pollution sources areas for the Pedras Catchment, Brazil to enable effective landscape management

The Youth Voice in Disaster Risk Reduction

Thursday 21st September		
Geography W414		
Time	Speaker	Title
11:00 – 11:20	Mark Ashley Parry	Youth Perception and Engagement of Climate Change
11:20 – 11:40	Peter McGowran	The Youth Voice” - Disaster and Development Society (DDS)
11:40 – 12:00	Rosie Waller	Communicating risk to children

Hazard, Risk and Mobility

Chair: Monika Büscher

Thursday 21st September		
Geography W414		
Time	Speaker	Title
<i>KEYNOTE</i>		
13:00 – 13:30	David Alexander	DRR and Human Mobility: A Summary of Issues
13:30 – 13:40	Monika Büscher, Xaroula Kerasidou, Katrina Peterse	Intersecting Intelligence: Datafication and Refugee journeys
13:40 – 14:00	Shah Nawaz Khan	Analysis of Socio-Economic Problems of Temporarily Dislocated People (TDPs) in Jalozai Camp District Nowshera, Pakistan
14:00 – 14:20	Monteil C, Simmons P and Hicks A.	Post-disaster recovery: immigration, socio-cultural changes and vulnerability to volcanic hazards
14:30 – 15:00	Refreshment Break	
15:00 – 15:20	Umesh Pokharel	Earthquake induced Internally Displaced People (IDPs) in Nepal and advocacy for durable solution
15:20 – 15:40	Makoto Okumura	Japanese inter-regional migration patterns affected by 2011 Tohoku Disaster, analyzed with 2015 Japan Population Census.

Interpreting everyday urban risk

Chair: Hanna Ruszczyk

This panel discussion will focus on understanding how everyday urban risks are interpreted in African, South American (Peru and Bolivia) and Asian (Nepal) contexts. Some of the questions that can be explored include: Is the language we use to discuss the concept of urban risk in the everyday similar or different based on the context? What are the risks of the everyday? Who decides which risks to focus on and which to ignore? Are residents mobilizing to address some issues? What forms do this organization take? How are urban risk governance mechanisms structured and who participates?

Thursday 21st September		
Geography W010		
Time	Speaker	Title
13:00 – 13:10	Hanna Ruszczyk	Introduction
13:10 – 13:30	Gemma Sou	Everyday Disasters as Private Loss not Public Tragedy: Accountability in Decentralized Participatory Risk Governance
13:30 – 13:50	Eric Chu	Knowledge and Mobilisation around Everyday Urban Risks
13:50 – 14:20	Hanna Ruszczyk	A continuum of perceived urban risk in Nepal
14:30 – 15:00	Refreshment Break	
15:00 – 15:20	Emmanuel Osuteye	What gets poor women and men in and out of urban risk traps?
15:20 – 15:40	Patricia Zweig (Skype)	Is this phrase 'Everyday risk' fit for purpose?
15:40 – 15:50	Mark Pelling	Discussant
15:50 – 16:00	Discussion	