



Disaster Risk Reduction for Natural Hazards: *Putting Research into Practice*

PROGRAMME



Disaster Risk Reduction for Natural Hazards:

Putting Research into Practice

November 4th - 6th 2009 at University College London

CONFERENCE PROGRAMME

Venue

**Meeting held in the Old Refectory, Wilkins Building
Refreshments and posters in the North Cloisters**

DAY 1: WEDNESDAY 4TH NOVEMBER

Registration

12:00-13:00 Registration in the North Cloisters, Wilkins Building, University
College London
Please note tea/coffee and a light lunch will be available

Welcome Address

13:00-13:30 Welcome and conference information
Stephen Edwards (University College London)
Introduction to hazards and risk
Bill McGuire (University College London)

Session 1: What is disaster risk reduction and how does it work in practice?

Chair: Stephen Edwards (University College London)

13:30-14:00	Speculation not extrapolation: preparing for hazards in a futures context <i>Randolph Kent (Humanitarian Futures Programme, King's College London)</i>
14:00-14:30	Making holes in the fence? Reflections on interdisciplinarity and collaboration in disaster risk reduction research <i>Jenni Barclay (University of East Anglia)</i>
14:30-15:00	Disaster risk reduction in Pakistan: earthquake resistant housing <i>Victoria Harris (Article 25)</i>
15:00-15:30	Tea/Coffee
15:30-16:00	Understanding community resilience <i>Bina Desai (Christian Aid) and Oenone Chadburn (Tearfund), DFID DRR Interagency Group</i>
16:00-16:30	MapAction: disaster response and preparedness <i>Nigel Woof (MapAction)</i>
16:30-17:00	'Taking Stock' - Challenges in connecting disaster risk reduction policy and practice <i>Marcus Oxley (Global Network of Civil Society Organisations for Disaster Reduction)</i>
17:00-17:45	Discussion
18:00	Wine Reception in the North Cloisters

DAY 2: THURSDAY 5TH NOVEMBER

8:30-9:00 Tea/Coffee

Session 2: Quantifying hazardous natural processes

Chair: Christopher Kilburn (University College London)

9:00-9:30	Key Note: Probabilistic catastrophe models for disaster risk reduction <i>Robert Muir-Wood (Risk Management Solutions)</i>
9:30-9:50	What can we say about the next Sumatran tsunami? <i>John McCloskey (University of Ulster)</i>
9:50-10:10	Forecasting earthquakes: the state of the art <i>Andrew Bell (University of Edinburgh)</i>
10:10-10:40	Tea/Coffee
10:40-11:10	Key Note: Quantifying hazards and risks with expert judgment <i>Willy Aspinall, University of Bristol</i>
11:10-11:30	Assessing volcano flank instability: Morne aux Diabes, Dominica <i>Richard Teeuw (University of Portsmouth)</i>
11:30-11:50	Tsunami hazard mapping and risk assessment for the city of Padang / West Sumatra <i>Torsten Schlurmann (Leibniz University Hannover)</i>
11:50-12:20	Discussion
12:20-13:30	Lunch

Session 3: Assessing vulnerability, resilience and capacity

Chair: John Twigg (University College London)

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| 13:30-14:00 | Key Note: No risk please: we're British
<i>Greg Bankoff (University of Hull)</i> |
| 14:00-14:20 | Mapping vulnerability and resilience in Eastern Nepal: an interdisciplinary approach
<i>Karen Sudmeier-Rieux (University of Lausanne)</i> |
| 14:20-14:40 | Community vulnerability and capacity in post-disaster recovery: the cases of Mano and Mikura neighbourhoods in the wake of the 1995 Kobe earthquake
<i>Etsuko Yasui (Brandon University)</i> |
| 14:40-15:10 | Tea/Coffee |
| 15:10-15:40 | Key Note: (RE)production of disaster risk reduction?
<i>Cassidy Johnson (University College London)</i> |
| 15:40-16:00 | Impacts to agriculture following the 1991 eruption of Vulcan Hudson, Patagonia: lessons for recovery
<i>Jim Cole (University of Canterbury)</i> |
| 16:00-16:20 | Assessing risk in Zimbabwe: reflections on the risk assessment process
<i>Philip Buckle (Monash International Initiative for Community Resilience)</i> |
| 16:20-16:50 | Discussion |
| 17:00-18:00 | Poster Session (for S2/S3/S4/S5) in the North Cloisters |
| 19:30 | Conference Dinner at Maison Touareg, Soho |

DAY 3: FRIDAY 6TH NOVEMBER

8:30-9:00 Tea/Coffee

Session 4: Cultural perceptions of hazard and risk

Chair: JC Gaillard (University of Grenoble & University of the Philippines) and Jessica Mercer (CAFOD)

9:00-9:05 Introduction: JC Gaillard

9:05-9:30 **Key Note: Cultural perceptions of hazard and risk**

Jessica Mercer (CAFOD)

9:30-9:40 Game #1: 'How do we engage with culture?'

9:40-10:00 Traditional land ownership patterns, vulnerabilities and resilience in Cape Verde and Papua New Guinea: consequences for disaster mitigation strategies

Simon Day (University College London)

10:00-10:20 Mapping cultural vulnerability for holistic risk assessment: findings from Mt Merapi volcano, Indonesia

Katherine Donovan (University of Plymouth)

10:20-10:45 Tea/Coffee

10:45-10:55 Game #2: 'How can we access Indigenous Knowledge?'

10:55-11:15 How robust are science-based disaster preparedness strategies? Lessons from Western Sumatra

Rachel Shannon (University of Ulster)

11:15-11:25 Game #3: 'Linking research and practice'

11:25-11:45 Participatory three-dimensional mapping for community-based disaster risk reduction

JC Gaillard (University of Grenoble & University of the Philippines)

11:45-12:05 Bridging insider and outsider perceptions: community vulnerability, resilience, and capacity analysis through iterative stakeholder knowledge mapping

Bob Alexander (Rural Livelihood Risk Management Consulting)

12:05-12:10 Conclusions: JC Gaillard and Jessica Mercer

12:10-13:10 Lunch

Session 5: Effective policy, communication and decision making

Chair: Tom Mitchell, Institute of Development Studies

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| 13:10-13:40 | Key Note: Effective policy, decision making and communication for natural hazards: a New Zealand perspective
<i>Julia Becker (Joint Centre for Disaster Research and GNS Science)</i> |
| 13:40-14:00 | Risky beliefs in a volcanic crisis: the importance of context-specific information
<i>Sian Crosweller (University of Bristol)</i> |
| 14:00-14:20 | Integrative efforts for disaster risk reduction: experiences from the Workshop for Knowledge Sharing and Collaboration in Volcanic Risk Mitigation at Galeras Volcano, Colombia
<i>Carolina Garcia (University of Milano-Bicocca)</i> |
| 14:20-14:50 | Tea/Coffee |
| 14:50-15:10 | Critical infrastructure resilience programme: improving the resilience of critical infrastructure to natural hazards
<i>David Murphy (UK Cabinet Office)</i> |
| 15:10-15:30 | Why 'small is beautiful' in municipal disaster prevention
<i>Emily Wilkinson (University College London)</i> |
| 15:30-15:50 | Pathways to accountability for disaster risk reduction
<i>Emily Polack (Institute of Development Studies)</i> |
| 15:50-16:20 | Discussion |
| 16:20-16:45 | Closure with key emerging themes and future areas for research and collaboration
<i>Stephen Edwards (University College London)</i> |



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