

SPIDER Network 
Science and Policy Interfaces for Disaster Reduction

Jessica Roberts

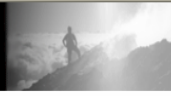
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SPIDER Network 
Science and Policy Interfaces for Disaster Reduction



Mission:

‘To re-examine the role of science
in reducing disaster risk’



- 7 UK Universities
- 2 Years
- 7 Conferences
- Website
- 150+ Global Members
- Conference speakers from countries including Tenerife, Italy, Chile, United States, Turkey, Australia, Caribbean



<p>Menu</p> <ul style="list-style-type: none"> Home Events People Publications Resources New Disasters Researchers Members Search <p>Copyright</p>	<p>Since January 2006, seven organisations (University College London, Cambridge University, University of East Anglia, Portsmouth University, ActionAid UK, Coventry University and the Institute of Development Studies) have been working together to re-evaluate the role of science in disaster risk management.</p> <p>Based around a series of linked meetings over two years, the network aims to explore the interface between physical and social science approaches to managing disaster risk and uncertainty. By developing interdisciplinary collaborative partnerships, the members of the network intend to promote new research. Emphasis is placed on linking with international partners, foregrounding the work of new researchers and maintaining continuity through a 6-meeting series.</p> <p>For more details about the SPIDER network click here (pdf)</p> <p>To contact SPIDER Network co-ordinator: email t.mitchell@ids.ac.uk</p>
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Sponsored by ESRC and NERC.















SPIDER logo design by
Lucy Stanbrough.

BENFIELD

Hazard
Research
Centre

For website changes:
email
anna.mcquire@ucl.ac.uk

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New Disasters Researchers Network

The SPIDER Network is committed to promoting the work of new researchers in the 'disasters' field. It will do this by encouraging the exchange of research ideas, experiences and funding suggestions and by organising 'new researchers' meetings at the SPIDER Network events. This website provides a chance to advertise your research interests and link with other new researchers.

To register and join the discussion list (below) - go to the [Register page](#)

If you would like to amend your details for any reason, contact [Anna McGuire](#)

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Garima Aggarwal garima_agg@yahoo.com	United Nations Development Programme
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* formulating strategies for implementing Disaster Risk Management initiatives within local administration and urban/rural communities.
 * Disaster Management Plan, conducting risk and hazard analysis,
 * developing coordination among various government and non-government agencies, building capacities of various stakeholders (Government officers, Professionals, and Communities etc.) in emergency preparedness and response planning
 * Social Economic Impact Assessment of disasters on communities
 * Role of disaster management in sustainable development
 & Economic and financial analysis

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RESOURCES

Social Science Approaches to Volcanic Risk Management - an annotated list of published and unpublished material.

Literature on volcanic risk management is included in this bibliography. Some of the references have been summarised by short annotations, submitted by research students and more established academics in the field. If you would like to add a missing reference or submit an annotation, please e-mail it to Tom Mitchell (t.mitchell@ids.ac.uk). We hope this becomes a useful resource for researchers examining volcanoes from a disaster risk management perspective.

Contributors: Sian Croswell, Kate Donovan, Jean-Christophe Gaillard, Kat Haynes, Ilan Kelman, Catherine Lowe, Katie Oven, Eleanor Parker and John Twigg.

Compiled: Tom Mitchell

Alcantara-Ayala, I., 2002, 'Geomorphology, natural hazards, vulnerability and prevention of natural disasters in developing countries.' *Geomorphology* 47: 107-124.

This is a clear paper that discusses and defines some key terms such as hazard and vulnerability. The focus of the paper is in highlighting that natural disasters are not solely the cause of a natural hazard event (such as volcanic activity) but that the disaster is the result of the intersection of the natural hazard and the human system and their associated vulnerabilities. The paper describes how the focus in the past has been on understanding the natural hazard event, whereas in recent years there has been a shift, even by physical scientists, to consider the social, economic, political and cultural factors that increase a person's vulnerability to the hazard. The paper also discusses why developing countries often suffer greater human losses in a disaster - due to the greater likelihood of developing countries being located in marginal lands, and the social, economic and political systems that restrict people's access to resources to cope in a disaster.

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Basher, R., 2006. Global early warning systems for natural hazards: systematic and people-



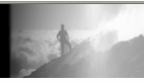
Discussion Topics

- Organising DRR Committee Meetings
- Facilitating knowledge transfer – science to practise
- Communications during volcanic emergencies
- Making maps to reduce vulnerability
- Managing volcanic crises



Discussion

- Trust
- Understanding
- Respect
- Responsibility
- Resilience
- Uncertainty
- Ownership
- Impact
- Mainstreaming approaches



Challenges Facing New Researchers

- Multidisciplinary Research
 - Experience
 - Funding
 - Employment



Linking research with action

SPIDER → Researchers → Grassroots



Red Cross staff, Dominica 2007

Dominica Geohazards Expedition 2007

Barbados and the OECS

You are here: Archives > Poverty Reduction

Posted: 16 Jul 2007

CoRICs in Dominica conducts Risk Management Training with satellite imagery maps

Press Release: Participants from rural community build capacity to create local hazard map

Roseau, Dominica



The United Nations Development Programme (UNDP) Barbados and the OECS and the Government of Dominica will facilitate two half-day workshops on Disaster Management Techniques in Dominica later this month.

The training will be conducted at two Community Resource Internet Centres (CoRICs) - the Paix Bouche Community Centre on Thursday, July 19, from 2:00 to 6:00 p.m. and the Good Hope Community Centre on Monday, July 30, from 9:00 a.m. to 1:00 p.m.

The objective of this initiative is to build local capacity, particularly in disaster preparedness, using available Information and Communication Technology (ICT) tools.

Facilitators for the workshops will be researchers from the School of Earth and Environmental Science at Portsmouth University in the UK, who are on the island to facilitate the Dominica Geohazards Expedition, which involves a series of geological risk assessments in a number of small communities in northern Dominica.

As part of its collaboration with the UNDP CoRICs project and the Government of Dominica, the team is organising a community capacity building project. It is also training staff in the Local Government Division.

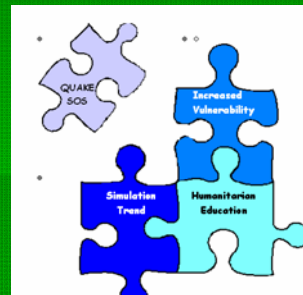
According to leader of the expedition, Jessica Roberts, "the Dominica Geohazards Expedition is concerned not



Global Humanitarian Education Intern

Quake SOS

An innovative and informative simulation exercise that introduces participants through drama and workshop activities to the social issues that arise in communities affected by disaster





The Future of SPIDER – Expanding horizons

- Evaluate progress
- Re-evaluate aim
 - Refocus
- Build partnerships
- Drive membership recruitment
 - Market our product
 - Secure appropriate funding