



TRANSDISCIPLINARY RESEARCH ON VOLCANIC RISK

Workshop Programme – 2nd Circular

17-18 January 2017

Laboratoire Magmas & Volcans, Campus Universitaire des Cézeaux, 6 Avenue Blaise Pascal, 63178 Aubière (find your way to LMV @ <http://lmv.univ-bpclermont.fr/le-laboratoire/contact/>)

Tuesday 17 January 2017

Room “Salle des Conférences”, 1st floor

AN OVERVIEW OF RISK RESEARCH WITHIN THE CLERMONT SITE

SESSION 1

9:00 Welcoming speech & General introduction - *Didier Laporte & Julie Morin, Laboratoire Magmas & Volcans (LMV)*

9:10 Introduction to the I-site CAP20-25 and future Clermont Risk Center - *Pierre Schiano (LMV)*

9:40 Labex IDGM+ and the economics of risk: theory, empirics and experiments - *Vianney Dequiedt, Centre d'Etudes et de Recherches sur le Développement International (CERDI)*

10:10 Estimating damage probability from qualitative vulnerability assessment using logistic regression - *Anne-Françoise Yao, Laboratoire de Mathématiques Blaise Pascal (LMBP)*

10:40-11:00 Coffee break

11:00 Uncertainty, Volcanic Hazard and Decision-Making - *Gaëtan Merlhiot, Laboratoire de Psychologie Sociale et Cognitive (LAPSCO)*

11:30 Hazard-related activities of the Laboratoire Magmas & Volcans at Clermont-Ferrand - *Raphaël Paris (LMV)*

12:00 Volcano monitoring and crisis response capacities of the Observatoire de Physique du Globe de Clermont-Ferrand - *Franck Donnadieu (OPGC)*

12:30-14:00 LUNCH at LMV – Room “Chaîne des Puys”, ground floor

INSIGHTS FROM TRANSDISCIPLINARY RISK RESEARCH PROJECTS – Invited talks

SESSION 2

14:00 Interdisciplinary research on volcanic risk at Merapi volcano: the MIA VITA and SEDIMER projects - *Franck Lavigne (Université Paris 1 Sorbonne, Laboratoire de Géographie Physique de Meudon)*

14:45 I'm a physical scientist get me out of here: adventures in interdisciplinarity through the STREVA research project and beyond - *Jenni Barclay (University of East Anglia)*

15:30-16:00 Coffee break

16:00 The challenge of fostering a shared representation of volcanic risks in the Lesser Antilles: lessons learned from the CASAVA interdisciplinary project - *Jean-Christophe Komorowski (Institut de Physique du Globe de Paris)*

16:45 Risk Assessment during the volcanic emergency at the Soufriere Hills Volcano, Montserrat (1995-2016) - *Steve Sparks (University of Bristol)*

17:30-18:00 General discussion

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PANEL DISCUSSIONS

SESSION 3

9:00-10:30 Panel discussion 1 – Interdisciplinary projects: how to link hazards and vulnerability?

Conveners: Pascale Phélinas (IRD-CERDI), Julia Eychenne & Julie Morin (LMV)

- Best approaches for hazard assessment (and related uncertainties)
- From assessment of distinct vulnerabilities to systemic vulnerability assessment
- Problems and solutions in combining hazard and vulnerability assessments
- Identifying challenges and perspectives in the current international research context

10:30-11:00 – Coffee Break

11:00-12:30 Panel discussion 2 - Building transdisciplinary approaches: from risk analysis to decision making

Conveners: Patrick Guillaumont (FERDI) & Patrick Bachèlery (OPGC)

- Implications of risk research on land planning, socio-economic policies, etc.
- Communication of uncertainty – from scientists to emergency managers and political stakeholders
- The Aquila syndrome: How to face responsibility in risk research?
- Identifying challenges and perspectives in the current international research context

12:30-14:00 LUNCH at LMV – *Room "Chaîne des Puys"*