

Risk and Resilience Research Workshop



LEVERHULME

Centre for **Wildfires,**
Environment and Society

Thursday 17th Sept 2020, 3:30-5:15pm

MS Teams Virtual Meeting

The concepts of risk and resilience have become almost unavoidable in discussion of wildfire and its management. Despite their ubiquity-- indeed arguably *because* of it--those ideas are also quite elastic. They are understood and used in starkly different ways among the different disciplinary communities involved in the work of the Centre.

The purpose of this workshop is to explore that variety and consider what different perspectives on risk and resilience might contribute to the understanding of wildlife.

Agenda

3:30-3:35 Welcome and aims

3:35-3:50 Prof. Ralf Toumi (Physics, Imperial) *How can we model catastrophic weather risk ?*

3:50-4:05 Dr Maud Borie (Geography, King's) *Why do we disagree about resilience? Multiple perspectives on resilience and the role of knowledge for resilience programming*

4:05-4:20 Dr David Demeritt (Geography, King's) *Risk Governance: From Governing Risk to Governing Through Risk*

4:20-4:30 Break

4:30-5:00 Break-out group discussions: *implications for wildfire and research at the Centre*

5:00-5:10 Report back from breakout groups

5:10-5:15 Summary and close

Please 'Accept' the MS Teams invite so we know who is attending, and please join the meeting via this main invite. You will receive an additional link for the breakout groups.

Bios and Further reading



Ralf Toumi

[Prof. Ralf Toumi](#) was awarded his PhD from the University of Cambridge on stratospheric ozone under the supervision of Prof. John Pyle, FRS. He was then appointed a temporary lecturer in the Chemistry Department in Cambridge and a Fellow in Physical Chemistry at Christ's College Cambridge. In 1994 he moved to the Physics Department at Imperial College as a Lecturer. He was promoted to Professor of Atmospheric Physics in 2005 and Head of the Space and Atmospheric Physics Group from 2014-2020. Since 2020 he is Co-director of the Grantham Institute (Environment and Climate Change)

Further information/ reading- [Oasis Loss Modelling Framework](#)



Maud Borie

[Dr Maud Borie](#) is a lecturer in Human Geography at King's College London. Maud's research is situated at the intersection between Human Geography and Science & Technology Studies and looks at the roles of diverse forms of knowledge and expertise for environmental and risk governance. Having conducted her PhD research on biodiversity governance, she currently works on resilience and disaster risk reduction.

Further reading

Borie, M., Pelling, M., Ziervogel, G. and Hyams, K., 2019. Mapping narratives of urban resilience in the global south. *Global Environmental Change*, 54, pp.203-213.

Borie, M., Ziervogel, G., Taylor, F.E., Millington, J.D., Sitas, R. and Pelling, M., 2019. Mapping (for) resilience across city scales: An opportunity to open-up conversations for more inclusive resilience policy?. *Environmental Science & Policy*, 99, pp.1-9.

Taylor, F.E., Millington, J.D., Jacob, E., Malamud, B.D. and Pelling, M., 2020. Messy maps: Qualitative GIS representations of resilience. *Landscape and Urban Planning*, 198, p.103771.



David Demeritt

[Prof. David Demeritt](#) is professor of Geography at King's College London and one of the associate directors of Leverhulme Centre for Wildfires, Environment & Society, where he is applying his expertise in environmental policy and risk governance to coordinating research about fire at the wildland-urban-interface.

Further reading: Today's talk was adapted from a [presentation](#) for the 5th Biennial ECPR standing group on Regulatory Governance to introduce a series of papers about risk-based regulation emerging from the [HowSAFE project](#) (How states account for failure in Europe). Some of the key outputs from that project include:

Rothstein, H., Borraz, O., & Huber, M. (2013). [Risk and the limits of governance: Exploring varied patterns of risk-based governance across Europe](#). *Regulation & Governance*, 7(2), 215-235.

Beaussier, A.-L., Demeritt D., Griffiths, A. and Rothstein, H. (2016) '[Accounting for Failure: Risk-based Regulation and the Problems of Ensuring Healthcare Quality in the NHS](#)', *Health, Risk and Society* 18(3-4): 205-224.

Kuhlicke, C. and Demeritt, D. (2016) '[Adaptive and risk-based approaches to climate change and the management of uncertainty and institutional risk: the case of future flooding in England](#)', *Global Environmental Change* 37 (March): 56-68.

Rothstein, H., Demeritt, D., Paul, R., Beaussier, A. L., Wesseling, M., Howard, M., ... & Boudier, F. (2019). [Varieties of risk regulation in Europe: coordination, complementarity and occupational safety in capitalist welfare states](#). *Socio-Economic Review*, 17(4), 993-1020