



**Further  
for London  
Dangerous Neighbours**

**Reading List  
Lecture:**

**Professor Jenni Barclay - University of East Anglia**

**Monday 11 December 2017**

The reading list can be found at: <https://www.geolsoc.org.uk/DangerousNeighbours17>

### **Popular Articles and Resources**

#### **Background**

- a. The Geological Society: 2017 Year of Risk  
[https://www.geolsoc.org.uk/risk\\_17](https://www.geolsoc.org.uk/risk_17)
- b. The Geological Society: Plate Tectonics Online Resource  
<https://www.geolsoc.org.uk/Plate-Tectonics>

#### **Volcanoes**

- a. The Geological Society: Volcanoes factsheet  
<https://www.geolsoc.org.uk/factsheets>
- b. BBC Two: Expedition Volcano  
<https://www.bbc.co.uk/iplayer/episode/b09hlzbb/expedition-volcano-series-1-episode-1>
- c. Geoscientist: Under the volcano, eruptions on Montserrat  
<https://www.geolsoc.org.uk/Geoscientist/Archive/February-2014/Feature-Underthe-volcano>

#### **Volcano Risks**

- a. Geological Society London Lecture Series: Deadly volcanic flows  
<https://www.geolsoc.org.uk/DeadlyFlows16>
- b. Smithsonian Magazine: What makes a volcano dangerous?

<https://www.smithsonianmag.com/science-nature/what-makes-volcano-dangerous-people-180952099/>

- c. Scientific American: History of Geology - November 13 1985, The Nevado Del Ruiz Lahars  
<https://blogs.scientificamerican.com/history-of-geology/november-13-1985-the-nevado-del-ruiz-lahars/>
- d. Strengthening Resistance in Volcanic Areas (STREVA) Project  
<http://streva.ac.uk/>
- e. STREVA Project YouTube Channel  
<https://www.youtube.com/user/STREVAProject>
- f. Volcano Global Risk Identification and Analysis Project  
<http://www.bgs.ac.uk/vogripa/>
- g. Large Magnitude Explosive Volcanic Eruptions database  
<http://www.bgs.ac.uk/vogripa/view/controller.cfc?method=lameve>

### **Books and journal articles**

Hicks, A., *et al.* 2017 Risk communication films: Process, product and potential for improving preparedness and behaviour change *International Journal of Disaster Risk Reduction* vol 23 p. 138-151

Available at: <http://www.sciencedirect.com/science/article/pii/S2212420916306665>

Armijos, M., *et al.* 2017 Adapting to changes in volcanic behaviour: Formal and informal interactions for enhanced risk management at Tungurahua Volcano, Ecuador *Global Environmental Change* vol 45 p 217-226

Available at: <http://www.sciencedirect.com/science/article/pii/S0959378016302849>

Biggs, J., *et al.* 2014 Global link between deformation and volcanic eruption quantified by satellite imagery *Nature Communications* 5

<https://www.nature.com/articles/ncomms4471>

Gottsmann, J. Komorowski, J.C. and Barclay, J. Volcanic unrest and and pre-eruptive precursors: a hazard and risk perspective. *Advances in Volcanology*

DOI [https://doi.org/10.1007/11157\\_2017\\_19](https://doi.org/10.1007/11157_2017_19)