

Shell London Lecture Series - Geology in the Age of Man

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Geological Society of London

Volcanoes and Man



SPEAKER: *Kathy Cashman (University of Bristol)*

Volcanoes are part of the natural environment; for this reason interactions between humans and volcanoes are inevitable. Developing a sustainable strategy for volcanic risk mitigation is thus necessary for communities inhabiting volcanically active areas. Defining strategies as successful requires a perspective that includes not only modern studies of both successes and failures in handling volcanic crises, but also evaluation of past cultures through integration of volcanological studies with archaeological investigations, which provide physical evidence for site abandonment, migrations and cultural change, anthropological studies of societal responses to past and recent volcanic eruptions, and oral traditions, which encode important geologic observations and place disastrous events within the context of cultural beliefs. Together, integration of modern strategies of volcano monitoring and prediction with lessons learned from past events can help us to design an approach to volcanic hazard mitigation that includes the needs of local communities as well as improved resilience of distal communities to disruption posed by far-reaching hazards, such as volcanic ash clouds.

Date: *Wednesday 26 September 2012*

Timings: *This lecture will be given at 3pm and 6pm on this day (with tea/coffee served for half an hour before each), so please let us know, when applying for tickets, which talk you would like to attend.*

Venue: *The Geological Society of London, Burlington House*

Entry to this lecture is free to all, but by ticket only. Please call at reception (to your right) or contact the Society by post, phone, fax or email (see below).



For further information, please contact:
Conference Office, The Geological Society,
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2012 Programme

18 January	Earthquakes and tsunamis in the modern world	<i>James Jackson, University of Cambridge</i>
15 February	Rocks and climate change: How we can stop pulling the carbon trigger	<i>Bryan Lovell, GSL President</i>
28 March	Life at the edge: Sinking deltas	<i>James Syvitski, University of Colorado</i>
18 April	Impacts and Adaptation to Sea-Level Rise	<i>Robert Nicholls, University of Southampton</i>
9 May	Unconventional gas	<i>Melvyn Giles, Shell</i>
27 June	Sustainability of groundwater in a changing world	<i>Paul Younger, Newcastle University</i>
26 September	Volcanoes and man	<i>Kathy Cashman, University of Bristol</i>
10 October	Pollutants and human health in the age of man	<i>Jane Plant, Imperial College London</i>
14 November	Geological aspects of renewable energy	<i>Bruce Levell, Shell</i>
19 December	Incoming: Learning to love the meteorite	<i>Ted Nield, GSL</i>



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