



The
Geological
Society

serving science and profession

WILLIAM SMITH MEETING 2011

Remote sensing of volcanoes & volcanic processes:
integrating observation & modelling

4 - 5 October 2011

Geological Society, London

CALL FOR PAPERS DEADLINE 19th August

Please visit our website or contact us on the details below for further information

The aim of this meeting is to bring together people from the remote sensing communities with those involved in the modelling and field observations of volcanic systems - whether active, or dormant; on land, or under the sea - in order to stimulate new interactions, and identify promising new directions. Each of these fields are growing rapidly: new satellite sensors and retrieval methods have opened up a number of remote-sensing tools (for detecting volcano deformation and measuring volcanic heat and gas emissions) which are now semi-automated and, in some cases, available on a daily basis. New sets of ground-based measurement techniques are yielding abundant high-frequency datastreams from active volcanoes, with many opportunities to merge observations with models. While models for volcano behaviour are advancing, what constraints do the new results from geodesy, field observation and geochemistry place on these models?

KEYNOTE SPEAKERS

Professor Kathy Cashman - University of Oregon and University of Bristol

Dr Mike Burton - Istituto Nazionale di Geofisica e Vulcanologia, Pisa

Professor Tony Watts - University of Oxford

Professor Kathy Whaler - University of Edinburgh

Professor Matt Pritchard - Cornell University

Dr Fred Prata - Norwegian Institute for Air Research

WILLIAM SMITH LECTURER

Professor Paul Segall - Stanford University

REGISTRATION

If you would like to attend this conference, please contact the Conference Office.

CONVENORS

David Pyle - University of Oxford

Tamsin Mather - University of Oxford

Juliet Biggs - University of Bristol