

Geologists' Association

Forthcoming talk



Whilst government restrictions are in place we are delivering a schedule of virtual, 'vLectures' instead of our usual monthly talks at Burlington House. These will be freely available to all. Join us for an interesting and informative evening.

Friday 7th May 2021

AGM and Presidential Address:

Shallow geohazards and environmental change

By Dr. Vanessa Banks. British Geological Survey

Later this year, the 26th United Nations Climate Change Conference will be hosted in Glasgow. It is, therefore, timely to consider research on shallow geohazards, e.g. landslides, sinkholes and problem materials, which are susceptible to climate change. Whilst some of these hazards are a consequence of Quaternary climatic conditions and processes imposing a natural metastability in the landscape, comparable states of metastability can also result from human modification to the landscape. Other natural shallow geohazards are related to material properties and changing hydrological or moisture conditions. As well as being sensitive to climate change impacts, they are susceptible to human-induced environmental change as a consequence of urban development, changing land-use and demands on resources. Shallow geohazards are globally extensive with impacts that are measurable in terms of loss of life and or insurance value. Their research is important for human resilience.

This talk will address the classification and distribution of shallow geohazards, as well as their relative significance in terms of impact. It will describe the way in which their assessment requires the integration of contributions from a range of geoscience specialisations that reflects their diversity. Consideration will also be given to the application of new technologies to shallow geohazard characterization and monitoring for the development of forecasting capability.



The A83 at Rest and Be Thankful, Scotland. 2018. This road has a history of landslips.

AGM starts at 6pm (18:00)

The talk will be via Zoom. Members will receive an access code via email before the meeting. Non-members should telephone 020 7434 9298 or email the Secretary (sarah@geologistsassociation.org.uk) for details.

www.geologistsassociation.org.uk

