

On **Thursday 9th May** in the **Rupert Beckett Lecture Theatre (Michael Sadler Building)** Leeds University, starting at 7.15 p.m. Evgenia Illyanskaya from the SEE, Leeds University will present talk titled:

'The Environmental consequences of volcanism'



Masaya volcano, Nicaragua

Abstract

Over 800 million people live within 100 km of active volcanoes where they can be exposed to multiple volcanic hazards. While some hazards are well recognized, such as ash-rich explosions which can ground air traffic, or pyroclastic flows which can bury cities, there is a wider hazard posed by volcanic emissions of gas and aerosol which is under-researched, and generally absent from risk management strategies. For example, the emissions from the Laki eruption in Iceland 1783-1784 led to the loss of ~90% of Iceland's livestock, while ~20% of its population

died from famine and disease. Masaya volcano in Nicaragua has been degassing for many centuries, preventing subsistence farming and contributing to poverty in the area.

I will present research on this 'unseen' hazard from several volcanoes around the world and discuss efforts to address it.

Tea, coffee & biscuits will be available after the talks

Non-members are welcome to attend, there is no need for booking or any charge.

For details of the venue and, if travelling by car, parking, please see the LGA website: [http://www.leedsga.org.uk/](http://www.leedsga.org.uk)

or contact LGA Hon Sec at lga.sec@btinternet.com or tel. 0113 2608764

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The 2019 Green Lecture

The second Green Lecture which honours Professor AH Green, who in 1875 became the first professor of Geology at the then Yorkshire College in Leeds (later to become Leeds University) and also LGA President 1876-1880, will be held on **Wednesday May 22nd 18.00-20.00**. The event is a public lecture organised by the Institute of Geophysics and Tectonics at the SEE in association with the LGA and this year the speaker is Professor Roel Schneider of the Colorado School of Mines, USA whose talk is titled ***'Getting information from noise'***

Roel is one of the world's foremost experts on using the physics of waves to study the inside of the Earth. Over his career he has pioneered many techniques using seismic waves which are now standard within academic science and industrial settings to make better pictures of the Earth.

Attendance is free of charge and open to all and with a complimentary drinks reception afterwards. Attendees are asked however to register for the event using Eventbrite on the following link: <https://www.eventbrite.co.uk/e/the-green-lecture-2019-getting-information-from-noise-tickets-55567276219>

Full details of the event can be found at: <http://see.leeds.ac.uk/research/igt/working-groups/green-lecture/>

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Yorkshire Geology Month

The Yorkshire Geological Society day at the National Coal Mining Museum on Saturday 27 April marks the launch of this event during which local geological groups across the region run events/open their meetings to encourage members of the public to take part. The LGA have three events on the calendar for 2019, our lecture on May 9th and field visits to Ilkley Moor on Sat May 11 and Prince of Wales Park Thursday 23 May. Attached is a poster with details of the Ilkley Moor event. The full details of YGM should soon be available on the YGS website www.yorksgeolsoc.org.uk

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