

# 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 5<sup>th</sup> March 2021**

## Halstead Lecture: Earthquake chasing around the world

**By Dr Zoë Mildon. University of Plymouth**

For many people living around the world, earthquakes are an ever-present hazard and it can be difficult for these communities to prepare and to know when an earthquake might happen. As a geologist, there are clues within the landscape that tell us where the faults are and how they move to generate earthquakes. We can use these surface exposures to gather data on the geometry and speed that the faults move, which in turn can tell us about the potential for damaging earthquakes.

Zoe will talk about her experience of working in post-earthquake areas and some of the scientific advances that come from working on damaging events. Working in the field and surveying the effects of the Kumamoto (Japan) earthquake and Amatrice earthquake sequence in 2016 were fascinating but challenging experiences. But in both cases, there are interesting discoveries that have emerged that tell us more about the earthquake hazard in these regions.



The main road through Amatrice in Italy in early October 2016, after the magnitude 6.1 earthquake in late August 2016.

**Lecture starts at 6pm (18:00 BST)**

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](mailto:sarah@geologistsassociation.org.uk)) for details.

[www.geologistsassociation.org.uk](http://www.geologistsassociation.org.uk)

