

Discovering Geology: a virtual exploration of the world beneath your feet

Monday 8 March | 4pm - 6pm



Time	Session Title	Session Description
4:00pm	Welcome and Introductions	A welcome and introduction from Dr Ian Skilling Senior Lecturer in Volcanology and Geology course leader at the University of South Wales.
4:05pm	Volcanoes: Fire, Fury and Farming	250 million years ago life on earth came close to being destroyed completely during the largest known volcanic eruption in Siberia. Whilst these eruptions are rare, they are one of the most important factors influencing extinction of life. During this session Dr Ian Skilling will also explain how volcanoes have many positive sides, for example they provided the metals for the bronze tools needed by the first farmers and continue to be the main source of most metals today.
4:25pm	Geology in Lockdown: desktop exploration	The impact of the Covid pandemic on physical geology field trips has opened up opportunities for educators to explore the virtual world of field work. In this talk using examples of the virtual work completed by current USW students, Dr Ian Skilling will provide essential advice and guidance to to complete field work from home.
4:45pm	Break	
4:55pm	Sustainable Geology	Civilization has been founded on geological resources such as metals and water. As we transition to a low Carbon future Dr Duncan Pirrie will consider what resources we need, and where will they come from.
5:20pm	Careers in Geology	Geology opens up a world of opportunities both in the UK and overseas. Dr Duncan Pirrie will explore the numerous opportunities for graduate geologists in demanding yet highly rewarding careers - are you up for the challenge ?
5:45pm	Q&A with USW Academics	Put your questions to Dr Ian Skilling Senior Lecturer in Volcanology and Geology course leader, and Dr Duncan Pirrie Associate Professor and geologist at the University of South Wales.