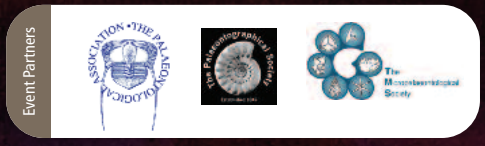




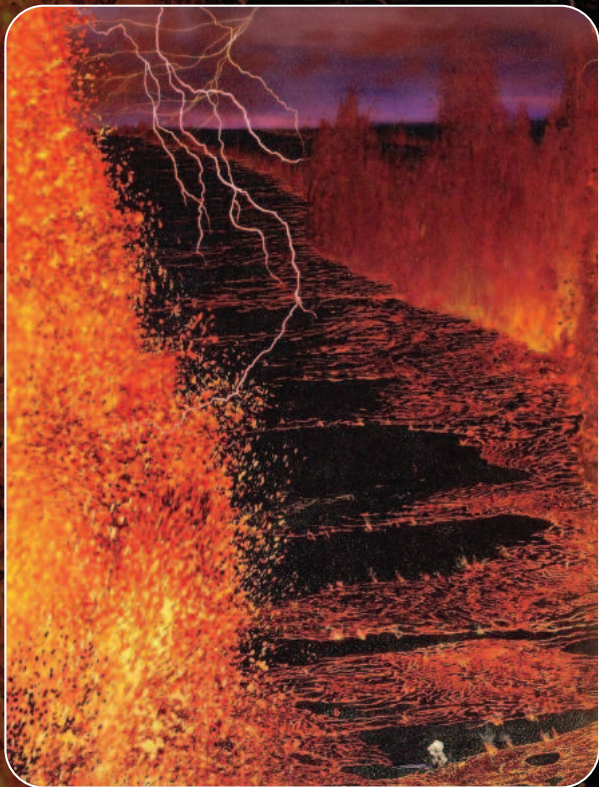
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Lyell Meeting 2018

Mass extinctions: understanding the world's worst crises



7 March 2018

The Geological Society, Burlington House

The study of mass extinctions is one of the most interdisciplinary research areas within Earth and environmental sciences. Recent, major advances have come from a broad spectrum of fields, including atmospheric modelling, high-precision age dating, volcanology, geochemistry, stratigraphy and palaeontology. The 2018 Lyell Meeting aims to highlight these achievements and showcases the improved understanding we now have of the great environmental catastrophes of the past. The Meeting aims to encompass the full spectrum of crises seen in the Phanerozoic fossil record.

The 2018 Lyell Meeting provides a platform to assess the current stratigraphic and geochemical records of environmental change during mass extinction events and the role of atmospheric climate modelling in understanding the causes of the crises. The goal is to evaluate the relative importance of environmental changes in major episodes of species extinctions, and to further explore the mechanisms that link these proximal kill mechanisms to the ultimate drivers, such as large igneous province eruptions and meteorite impacts. This will be a rare opportunity to hear research developments happening in diverse disciplines applied to all mass extinction events.

Convenors:

Paul Wignall (University of Leeds, UK)
Dave Bond (University of Hull, UK)

Keynote Speakers:

Prof Mike Benton (University of Bristol)
Dr Sofie Lindström (Geological Survey of Denmark and Greenland)

Further information:

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