

PAST CARBON ISOTOPIC EVENTS AND FUTURE ECOLOGIES:

PALAEOANALOGUE CIEs AND CURRENT BIOSPHERE & ECOLOGICAL
CHANGE AS GUIDES TO THE 22ND CENTURY AND BEYOND



2nd and 3rd November 2010 The Geological Society, Burlington House

The biosphere and many of its ecosystems are currently changing due to global warming in a manner unprecedented for many million years. Research shows that abrupt environmental perturbations of the late Palaeocene to early Eocene some 55 million years ago, and also of some earlier periods, might be used as biospheric and ecological palaeoanalogues for present-day and future global change.

This two-day discussion meeting sees invited presentations from internationally renowned geoscientists and ecologists in environmental and palaeoenvironmental change. The meeting will bring together scientists and policymakers from a range of disciplines to explore how current geological and ecological synergies illuminate our understanding of what planet Earth might be like 100 years or more in the future.

CONVENORS:

Jonathan Cowie
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Dr Anthony Cohen
The Open University

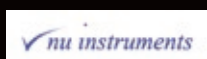
INVITED SPEAKERS INCLUDE:

Dr Manuel Barange
Plymouth Marine Laboratory

Dr Peter Mayhew
University of York

Dr Andy Ridgwell
University of Bristol

Professor Jim Zachos
University of California, Santa Cruz



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