

A workshop on:

Isotope studies of Palaeoclimate (IsoPAL-2) - through geological time

To be hosted by the
NERC Isotope Geosciences Laboratory (NIGL),
British Geological Survey in association with the British
Sedimentological Research Group

Tuesday 23rd November 2004

The Natural Environment Research Council has identified Global Change as one of the five main issues on which its research should be focused in the next decade, and the need to know about natural climate variation over *a range of time-scales* is regarded as a key area for development. Isotopic techniques, especially the environmentally sensitive stable isotopes are likely to play an important role in gaining this knowledge of past environments.

NERC's Isotope Geosciences Laboratory (NIGL) is a national facility for providing isotope scientific support to the UK's environmental research community. We would like to get researchers in the UK together to discuss current palaeoclimate research (over a range of time scales) using isotope techniques.

The workshop will comprise a series of short keynote presentations giving examples, or overviews of research using isotopes in palaeoclimate research (from the recent to the Proterozoic). By bringing both recent (Quaternary) and older (over geological time frames) researchers together we hope to span the divide by discussing all aspects of isotopes in palaeoenvironmental research from modern calibration studies to the effects of diagenetic alteration (from deposition to deep burial) of the records. The keynote presentations will involve isotope applications to terrestrial and aquatic records. If you have a topic that you feel could benefit the isotope community then please let us know. Posters are invited especially regarding the application of isotope techniques to specific sites (please let us know when you register). Efforts will be made to have the papers published in a special edition of a suitable journal.

Registration:

If you would like to attend then please contact the workshop co-ordinator to be placed on the mailing list:

Carol Arrowsmith email: caar@nigl.nerc.ac.uk.

All other enquiries to:

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