

Session Proposal

**European Association of Archaeologists (EAA) 12th Annual Meeting
Krakow, Poland
19th to 24th September 2006**

Organiser: Andy J. Howard, Keith Challis, Mark Kinsey, David G. Passmore

Theme:

Managing the Archaeological Record and the Cultural Heritage

Session Title:

Future Climate Change and its Implications for Archaeological Landscapes and Cultural Resource Management

Abstract

The consensus for future climate change, in particular global warming in part due to anthropogenic activity is now widely accepted by both the scientific community and policy makers. The scale and nature of change will vary from country to country and though the focus of intense debate, modelling using Global Circulation Models (GCMs) suggest that combinations of changing aridity, wetness and increasing number and intensity of extreme weather events will all be important elements of future climates.

The aims of this session are two-fold:

- To consider empirical evidence for the nature of past Holocene climatic oscillations and their impact on geomorphic landscape processes and human response. The role, which human played in exacerbating the effects of changing weather patterns such as the expansion of arable agriculture, deforestation, reforestation, overgrazing and arable farming will be key considerations.
- To consider the impact of future climate change on archaeological remains from small artefacts to major archaeological monuments in any geographic setting, be it a river valley, mountain-top or major urban settlements

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