

William Smith Meeting 2016

Glaciated Margins

The Sedimentary & Geophysical Archive



2-3 June 2016

Geological Society, Burlington House, London




Confirmed keynotes:

Prof. Julian Dowdeswell (SPRI)
 Prof. Carlota Escutia (Granada)
 Prof. Jonathan Craig (ENI)
 Prof. Chris Clark (Sheffield)

Organisers:

Dan Le Heron (Royal Holloway)
 Kelly Hogan (BAS, Cambridge)
 Marie Busfield (Aberystwyth)
 Ali Graham (Exeter)
 Wim Kouwe (Cairn)
 Mads Huuse (Manchester)
 Emrys Phillips (BGS Edinburgh)

Further Information:

For further information about the conference please contact:
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Unravelling evidence for the growth and recessional behaviour of ice sheets on continental margins has major implications for characterising the cryosphere in the past, present and future. Glaciated margins provide unique archives of past ice mass change on timescales that cannot be captured by observations of the cryosphere today. They also serve as analogues for modern-day glacial depositional environments, and are integral to solving major problems such as the magnitude of ancient glaciations, the location of prolific glaciogenic hydrocarbon reservoir deposits and the distribution of groundwater aquifers.

We seek to attract scientists from multiple disciplines – geophysicists, sedimentologists, glaciologists, geologists and geographers – with an interest in tackling these issues. The meeting will explore the latest research on glaciated margin environments based around four central themes:

- The Arctic and the Northern Hemisphere
- Antarctica and the Southern Hemisphere
- The deep time archive
- Resource potential: case studies and dilemmas

Field trip (optional):

4-5 June 2016: post-conference field trip to study classic Quaternary glacetoneites of Norfolk.

