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Aerosols & Clouds

Announcement of Opportunity

Closing date: 16:00 on 28 October 2010

Consortium proposals are invited to deliver the Aerosols and Clouds Research programme. A single consortium will be awarded to deliver the programme in its entirety; this is expected to be an integrated programme capable of making progress across the range of inter-related requirements identified and engaging with the wider UK and international communities.

This programme directly relates to the delivery of NERC strategy, in particular the climate system theme; it is also relevant to the Earth system science and technologies themes.

The overarching aim of the Aerosols and Clouds programme is:

"To reduce the uncertainty in estimates of radiative forcing and climate feedbacks relating to aerosol and cloud processes through focused laboratory and theoretical studies."

Of particular interest is improving knowledge of the following key core physical and chemical processes:

- Quantification of indirect effects of aerosols on the radiative forcing due to their interaction with clouds and the underlying cloud/aerosol processes.
- Ice particle processes in deep frontal, convective clouds and cirrus clouds.

A **workshop** will be held on 27 July 2010 at Manchester Conference Centre to ensure the research community are aware of the national capability in terms of facilities, infrastructure, modelling, etc available to support research of this type.

The workshop will also allow participants to discuss science challenges and possible approaches to undertaking the research, as well as opportunities for collaboration and partnership. Workshop registration is via the NERC website and closes on 20 July 2010.

Attendance at the workshop is not a prerequisite for submitting a proposal.

Consortium proposals may request a total NERC contribution of up to £2.9m and be up to four years in duration. Applications must be submitted using the Research Councils' Joint Electronic Submission system (Je-S). Please note that it is not necessary to submit a consortium concept note for this programme.

About the programme

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The closing date for proposals is **16:00 on 28 October 2010**.

Please see the Announcement of Opportunity document below for full details of the call.

[Announcement of Opportunity \(52KB\)](#)

For further information about this announcement of opportunity please contact:

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