

QUEST Earth System Science Summer School

*Promoting an interdisciplinary
and integrated approach to
environmental research*



10 – 21 September 2007
University of Bristol

QUEST ES4 aims to:

- provide training in Earth system science, addressing the interactions of different environments and the dynamic processes that link their biotic and abiotic components;
- enable environmental researchers to appreciate how their own specialised studies fit into a broader context, and
- involve a wide range of lecturers renowned in their field and, through discussions and practical exercises, encourage all course participants (students and lecturers) to extend their scientific linkages.

The cross-cutting study theme for QUEST ES4 2007 is **Water**. There will be a series of discussions and tasks addressing this topic. An evening programme of debates and talks by guest speakers will be open to all interested scientists.

The course is intended for early stage researchers at universities, research institutes, government and industry. NERC PhD students and Greencycles project researchers can attend free of charge as ES4 is a NERC training event.

Programme Outline and Speakers (others still to be confirmed)

Monday 10	Registration, Welcome, Introduction to Earth System Science Keynote Lecture and welcome dinner
Tuesday 11	Energy and Circulation: Pru Foster (Bristol) Pete Smith (Aberdeen)
Wednesday 12	The Biosphere in ESS: Colin Prentice (QUEST), Lina Mercardo (CEH), Stephen Sitch (Met Office)
Thursday 13	Feedbacks Part I: Eleanor Blyth (CEH), Pierre Friedlingstein (IPSL/LSCE), Gordon McFiggans (Manchester), Peter Cox (U Exeter)
Friday 14	Feedbacks Part II: Andy Ridgwell (Bristol), Tim Jickells (UEA), Sarah Cornell (QUEST), Willy Aspinall (Leeds/Aspinall Associates)
Monday 17	The Cryosphere: Mark Brandon (OU), Finlo Cottier (SAMS), Renato Spahni (U Bern/U Bristol)
Tuesday 18	Project Day I: Hazel Phillips (EA),
Wednesday 19	Project Day II: structured work on special topic questions
Thursday 20	Timescales of Change and Palaeoclimate: Sandy Harrison (Bristol), Dani Schmidt (Bristol), Jo House (QUEST), Mick Follows (MIT)
Friday 21	Special Topic Synthesis and Wrap-Up Day

For more information and registration, please visit

http://quest.bris.ac.uk/workshops/es4_07/index.html