

Issue 23 – Current issue

1. SOLAS News

The next issue of the newsletter will concentrate on SOLAS Focus 3 activity. Please contribute a short one page article with a figure and/or a photo, plus a short biography and photo of yourself. Deadline is end of August.

Publicize your work on the SOLAS Website. Send us your links and we'll place them on the website for the community to view.

The 2007 SOLAS Open Science Conference will be held in Xiamen, China, 6th –9th March 2007. Please register early. There will be plenary talks and informative poster sessions. In addition, there will be afternoon synthesis and discussion sessions. If you would like to suggest a topic, write to us at solas@uea.ac.uk

2. Conferences/Meetings of Interest

2nd Workshop on Asian Dust and Ocean EcoSystem (ADOES); Joint with Asian SOLAS
10th–15th August 2006, Ulanhot City, Inner Mongolia, China
<http://cadata.cams.cma.gov.cn/news/oneews.asp?id=1255>

6th Annual meeting of the European Meteorological Society
Joint with 6th European Conference on Applied Climatology:
Ljubljana, Slovenia
4th – 6th September 2006
<http://www.emetsoc.org/EMS6/>

North Atlantic Climate and Ecosystems: A current threat? :
Reykjavik, Iceland.
11th – 12th September 2006
<http://www.usclivar.org/calendar.html>

IGBP–SCOR Workshop on Ocean Acidification: Modern Observations and Past Experiences
Lamont–Doherty Earth Observatory, Palisades NY
28th – 30th September 2006

Application deadline: 31 July 2006
<http://igbp-scor.pages.unibe.ch/firstworkshop.html>

SIBER (Sustained Indian Ocean Biogeochemical and Ecological Research) Workshop
Goa, India
3rd – 6th October 2006
<http://ian.umces.edu/siber>

GODAE Symposium on ocean data assimilation and prediction in Asia–Oceania
Beijing, China
16th –18th October 2006
<http://www.bom.gov.au/bmrc/ocean/GODAE/>
Abstract deadline: 1st August 2006
Registration deadline: 15th August 2006

NERC RAPID Climate Change International Conference
Birmingham, UK
24th –27th October 2006
<http://rapid.nerc.ac.uk/rapid2006/>

Global Emissions Inventory Analysis 2006 Conference
29 Nov – 1 December, 2006
Paris, France
<http://www.geiacenter.org>

AGU 2006 Fall Meeting
San Francisco, California
11th –15th December 2006
Calls for abstracts is underway. See below for a list of sessions with SOLAS interest.
<http://www.agu.org/meetings/fm06/>

Arctic Frontiers Tromso
21–26 February 2007
Part two will be a scientific conference focusing on Arctic marine ecosystems and the potential impacts of environmental change on their structure and functions: Food web dynamics and biogeochemical fluxes in the Arctic Ocean.
<http://www.arctic-frontiers.com/>

Plymouth Marine Laboratory– Oceanographic Workshops February 2007

The ~3 day informal workshops are to be held in Plymouth. The workshops will be devoted to the response of marine ecosystems to increasing levels of CO₂; model validation, analysis and quantification of error; DMS production in the upper ocean; operational biophysical oceanography; and, bridging the gap between lower and higher trophic levels.

<http://www.pml.ac.uk/Default.aspx?RecordId=9214>

4th Gordon Research Conference on Biogenic Hydrocarbons and the Atmosphere

Ventura, California

25th February – 2nd March 2007

<http://www.grc.org>

Gordon Research Conference on Polar Marine Science

Ventura, California

25th – 30th March 2007

<http://www.grc.org/programs/2007/polar.htm>.

Ocean Sciences Conference sponsored by TOS, ASLO and AGU

Orlando, Florida

2nd – 7th March 2008

<http://www.tos.org/>

3. Publication

'Analytical Techniques for Atmospheric Measurement' by Prof.

Dwayne Heard

<http://blackwell-publishing.msgfocus.com/c/11Wy29eKiAbR6UaAG>

Environmental Energy and Study Institute (EESI) Climate Change

DVD's available

<http://www.eesi.org/support/6.3.04%20DVD%20advertisement.htm>

Environmental Research Letters (ERL) new open-access journal launched this year

Research Letter submissions to ERL are now invited from all researchers working at the forefront of environmental science

<http://erl.iop.org>.

Deep Sea Research Part II: Topical Studies in Oceanography
Volume 53, Issues 5–7, Page 451–802 (March–April 2006)
The US JGOFS Synthesis and Modeling Project: Phase III
Edited by S.C. Doney and H.W. Ducklow
http://www.elsevier.com/wps/find/journaldescription.cws_home/116/description?navopenmenu=-2

The final 2 volumes (Vol 3 and 4) of the US JGOFS Final Data Report are available.

<http://usjgofs.whoi.edu/publications/RequestDataRpt.html>

4. Funding

The Canon Foundation grants Fellowships to young European and Japanese researchers. European Fellowship holders pursue a period of research in Japan whereas the Japanese Fellows do their research at host institutions in Europe.

http://www.canonfoundation.org/programmes_1_fellow.html

The Royal Society invites applications for:

1. Grants for visits between one week and three months from the UK to all countries (except the USA).
2. Two-year joint projects between researchers in the UK and the countries of central and eastern Europe, Hong Kong, India, Japan, South America, Cuba and the former Soviet Union
3. Joint projects under the European science exchange programme for Western Europe.
4. Joint projects programme to fund travel and subsistence for a British scientific research group collaborating with a Chinese scientific research group.
5. Conference grants. This scheme supports UK scientists to either present their own paper or poster or to chair a session at an overseas conference.
6. Short visits to the UK. These are available to scientists from all countries except Australia, Belgium, Canada, Denmark, Finland, Germany, Italy, the Netherlands, New Zealand, Sweden and USA.
Deadlines: 1 March, 1 June, 1 September and 1 December annually
<http://www.royalsoc.ac.uk/funding>

Call for proposals for ESF Research Networking Programme

Deadline: 30th October 2006

[http://www.esf.org/esf_genericpage.php?language=0§ion=2&d
omain=0&genericpage=2309](http://www.esf.org/esf_genericpage.php?language=0§ion=2&domain=0&genericpage=2309)

5. Miscellaneous

Increasing Atmospheric CO₂ is Acidifying World's Oceans

<http://www.ucar.edu/news/releases/2006/acidification.shtml>

Scientists Say Southern Ocean Regulates Atmospheric CO₂ Levels

[http://www.nature.com/nature/journal/v441/n7096/abs/nature04
883.html](http://www.nature.com/nature/journal/v441/n7096/abs/nature04883.html)

Belgian SOLAS Cluster – A SOLAS.be cluster has been accepted for funding by the Belgian Federal Science Policy office over a 2 year-period.

The cluster activities can be viewed at the Belgian SOLAS Website:

<http://www.co2.ulg.ac.be/solas/>

AGU 2006 Fall Meeting San Francisco, 11–15 Dec

Abstracts Due September 7th

<http://www.agu.org/meetings/fm06/>

Sessions of interest to SOLAS (partial)

A07: Aerosols, Clouds, and Climate

A11: SEAREX to SOLAS: Thirty Years of Air/Sea Exchange Research

A12: Troposphere Composition: Measurements, Interpretation, Modeling

A23: Aerosols Over the Ocean: Consistent Views From Space and Ground?

A28: Progress in Hyperspectral Remote Sensing of Atmospheres, Land, and Oceans

A32: Tropospheric Heterogeneous Chemistry and Aerosol Phase Transitions

B05: Methane: Toward a Multiscale Approach to Reducing Uncertainties in Its Emissions

B17: Carbon Cycle and Carbon Metabolism by Microorganisms: Genomics, Proteomics, and Isotope Signatures

B18: Carbon and Energy Management Analyses Using Coupled Climate–Carbon Models

B31: The Bioatmospheric N Cycle: N Emissions, Transformations, Deposition, Ecosystem Impacts, and Policy Responses

C10: Measuring and Modeling Turbulent Fluxes of Heat, Water, and Carbon Over Snow

C18: Fate of Sea Ice: Interactions With the Atmosphere, Ocean, and Marine Ecosystems

GC02: Critical Climate Uncertainties: Sources, Consequences, and Methods to Address Them

IN05: Data Sources and Management for the 2007–2009 International Polar Year

OS02: Gases as Tracers of Oceanic Processes

OS04: Variability in Ocean Interior Circulation and Biogeochemistry: Repeat Hydrography and Modeling Studies

OS05: Ocean Phytoplankton From Sea, Space, and Computers

OS07: The Oceanic Deep Chlorophyll Maximum: Observation, and Modeling

OS12: Past, Present, and Future Role of the Ocean in Modulating Atmospheric Carbon Dioxide

OS16: Air–Sea Interaction – Fluxes and Effects.

OS22: Cabled Ocean Observatories: Novel Science Experiments, Technologies and Data Management Systems

PP08: Atmospheric CO₂: Cause or Effect of Glaciations in Earth History?

U14: International Polar Year 2007–2008: Global Science at High Latitudes