

\*SOLAS News Bulletin Number 16

/\_1. SOLAS NEWS

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\*The SOLAS website has been updated. Visit  
<http://www.uea.ac.uk/env/solas/>

\*SOLAS Newsletter Issue 2 was released recently. This edition contains contributions centered around SOLAS Focus 2 and the Liege Colloquium on Air-Sea Gas Transfer. Issue 2 is available on the SOLAS website or by regular mail (contact [solas@uea.ac.uk](mailto:solas@uea.ac.uk)).

\*The SOLAS Focus 1, 2, and 3 Implementation Plans will be available from the SOLAS website in January.

\*SOLAS Science 2007: The next SOLAS Open Science Conference will held in Xiamen, China, 6-9 March 2007. More details to come.

\_/2. CONFERENCES OF INTEREST

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\*The First iLEAPS Science Conference, 21-26 January 2006, Boulder CO, USA

\*American Meteorological Society (AMS) Annual Meeting 30 January - 3 February, 2006, Atlanta, GA (including a US CLIVAR Town Hall on 31 January).

\*AGU/ASLO/TOS 2006 Ocean Sciences Meeting 20-24 February, Honolulu, HI.

[www.agu.org/meetings/os06/](http://www.agu.org/meetings/os06/)

Deadline for registration: 20 January 2006

Also, see appendix below for a partial list of sessions of interest to SOLAS

\*European Geosciences Union General Assembly, 2006, Vienna, Austria, 02-07 April.

<http://meetings.copernicus.org/egu2006/>

Deadline for receipt of abstracts : 13 January 2006

Deadline for pre-registration : 10 March 2006

Some SOLAS relevant special Sessions:

The Surface Ocean Lower Atmosphere Study Session

Open Session on the Marine Biogeochemical Cycles

Instrumentation Related to the IPY

Also, see appendix for a partial list of sessions of interest to SOLAS

\* 4th International Symposium on Biological & Environmental Chemistry of DMS(P) and Related Compounds, Norwich, U.K., 2–6 May 2006.

<http://lgmacweb.env.uea.ac.uk/lgmac/dmsp/>

\*\_/3. JOBS

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\*Tenure-track chemical oceanography position, Department of Oceanography, Humboldt State University.

<http://www.humboldt.edu/%7Efacpers>

(see HSU Faculty Positions, Job #7328) or contact Dr. Greg Crawford, phone: 707-826-3466; email: [gbc3@humboldt.edu](mailto:gbc3@humboldt.edu).

Deadline: January 6, 2006.

\*3 positions as Senior Research Scientist, Bigelow Laboratory for Ocean Sciences, Maine, USA.

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

1) Chemical Ecologist, 2) Marine Molecular Microbiologist, 3) Dissolved Organic Matter Chemist.

\*Senior Marine Chemist, SEPA, East Kilbride, Scotland.

[www.sepa.org.uk/vacancies](http://www.sepa.org.uk/vacancies)

Or call 01786 452555 or e-mail [recruitment@sepa.org.uk](mailto:recruitment@sepa.org.uk)

Quote reference OPEA3512 in any correspondence. Deadline 22 December 2005.

\*Announcement of Opportunity START Fellowship/Visiting Scientist Program/(Round 14).

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

Funded by DGIS, the Netherlands, START Fellowships are offered at the graduate and post-graduate levels to young scientists from Africa, Asia, and Oceania. And the START Visiting Scientist Award is offered at more senior scientists level. Deadline: December 16, 2005

\*Research Associate with research interests in large-scale atmosphere-ocean interaction with emphasis on climate dynamics and/or biogeochemical cycles, JISAO, University of Washington, Seattle.

<http://tao.atmos.washington.edu/Postdoc3.htm>  
Deadline January 6.

\*5 positions, Centre for Earth Observation Science (CEOS),  
University of Manitoba, Canada  
[http://www.umanitoba.ca/environment/ceos/index.php?p=whats\\_new](http://www.umanitoba.ca/environment/ceos/index.php?p=whats_new)

- Post doc or research associate in modelling of ocean-sea ice-atmosphere processes and biological coupling in the Canadian Arctic (region to be determined)
- Ph.D./M.Sc. studentships to work on oceanic and atmospheric forcing of sea ice growth and decay at a hemispheric scale (remote sensing and modelling)
- Ph.D./M.Sc. studentships to study contaminant and carbon cycling and physical biological coupling in arctic freshwater and marine aquatic ecosystems
- Ph.D. student to work on ocean surface gas exchanges from polar seas

\*2 Postdoc positions available starting 1 January 2006 and 2 more on 1 August 2006, in carbon and nutrient cycles in the freshwater and marine environments. Starting salary is about 23000US a year and we will pay round-trip airfare and medicare.

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\*\_/5. NEWS

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\*New Website Available

U.S. Scientific Committee on Antarctic Research Office  
<http://usscar.tamu.edu/>

\*Report from the Study of Environmental Arctic Change (SEARCH)  
"Study of Environmental Arctic Change: Plans for Implementation During the International Polar Year and Beyond". For more information and to download the report, go to:  
[www.arcus.org/search/resources/reportsandscienceplans.php](http://www.arcus.org/search/resources/reportsandscienceplans.php)

\*The US NSF program announcement on "Carbon in water systems" is available at:  
[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13651&org=GEO&from=home](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13651&org=GEO&from=home)

\*/\_Appendix

\_/\*Sessions of interest to SOLAS during the 2006 Ocean Sciences Meeting:

OS004: Educational Value of Coastal Observing Systems

OS007: Communicating Scientific Uncertainty in Ocean Sciences to Public

OS009: Advances in the Study of Carbon Cycling on Continental Margins

OS012: Biogeochemistry and Ecology of the Ross Sea

OS015: Environmental Change and Its Impact on Coral Reefs

OS016: Nearshore Processes

OS017: Assessing / Diagnosing Coastal Aquatic Systems

OS022: Impact of Natural / Artificial Iron Fertilization on Biogeochemistry

OS023: Radiocarbon-Based Biogeochemical Studies: Ocean, Land, and Air

OS024: River Plume-Ocean Interactions

OS025: Assessing the Productivity of Large Marine Ecosystems

OS026: Marine Viral Ecology

OS027: Mesoscale Phys.-Bio.-Biogeochemical Linkages in the Open Ocean

OS028: Biogeochemistry and Microbial Ecology Within Pelagic Redoxclines

OS029: Connecting Ecosystem Processes With Climate Models

OS032: Results From the CLIVAR/CO<sub>2</sub> Repeat Hydrography Program

OS033: Ocean Sensors, Sensor Networks, and Cyberinfr. Communication

OS034: Obs. of Anthr. Climate Change in the Oceans & Societal Implications

OS035: Radionuclides as Tracers of Geochem. Processes

OS037: Development/Application of Ocean Climate Data Records from Space

OS038: Results From Programs Using Autonomous & Lagrangian Platforms

OS039: Biogeochemical and Physical Processes in the South China Sea

OS040: Mass Spectrometry and Biochemical Oceanography  
OS041: Trace Elements/Isotopes in Marine & Terrestrial Biogenic Materials  
OS042: Understanding of Zooplankton Variability Across Ocean Basins  
OS043: Sea Surface Science and Marine Boundary Layers (SOLAS Session)  
OS044: SF6 Tracer Release Experiments & Transient Tracer Studies  
OS045: Biolog., Biogeochem., Phys. Dyn: Interactions in the Coastal Ocean  
OS046: Ocean Mixing  
OS048: Biogeochemistry of Planktonic Phosphorus Cycling  
OS051: Remote Sensing of Coastal Waters and Substrates  
OS052: Feedbacks Between Marine Biogeochemical Cycles and Climate  
OS053: Linking Microbial Diversity to Ecosystem Functioning  
OS055: Operational Applications of Ocean Satellite Observations  
OS058: SOLAS: Aerosols in the Marine Atmospheric Boundary Layer  
OS059: Human Influences on the Coastal Ocean  
OS061: Equatorial Physics, Biogeochemistry, and Air–Sea Interaction  
OS064: Causes and Consequences of Seasonal Coastal Hypoxia/Anoxia  
OS065: High–Latitude Ocean Dynamics and Biogeochemistry  
OS067: Biogeochemistry of Tropical Island Watersheds  
OS071: Physical/Biogeochem Processes in W Pac Subtropical/Subpolar Ocean  
OS072: Coastal Upwelling: Coevolution of Physical, Chemical, and Biological  
OS073: Ecological and Biogeochemical Provinces of the Ocean  
OS074: Understanding the Role of Biodiversity in Marine Ecosystems  
OS075: Role of Eddies in the Upper Ocean  
OS077: Ships and Platforms of Opportunity as Tools for Ocean Observation  
OS079: Assessing Ocean Role in Climate on Decadal to Centennial Timescales  
OS080: Harmful Algal Blooms: From Research to Management Applications  
OS084: Oceanic and Continental Ecosys. Response to Abrupt Climate Change  
OS086: The Indian Ocean  
OS088: Trace Elements and Isotopes to Study Open–Ocean Biogeochemistry

OS089: Diatom Diazotroph Assemblages  
OS095: Sea Ice Changes/Implications: Bering, Chukchi, Beaufort Sea Ecosys.  
OS096: Linking Ecology and Diversity of Aquatic Protists  
OS097: Effects of Big Rivers on C-Cycling in Adjacent Continental Margins  
OS101: Impact of UV Radiation on Marine and Freshwater Processes  
OS103: Oceanography and Ecology of Thin Plankton Layers  
OS106: Role of Ocean Biota in Carbon Flux  
OS107: Understanding of Optical Scattering in the Ocean  
OS108: Marine Acoustics  
OS110: Coastal Ocean Observing Systems: IOOS  
OS111: Ocean Prediction  
OS112: Pan-Arctic Margin Dyn.: Physical, Biogeochemical and Ecosystem

#### Sessions of SOLAS interest at the EGU Meeting

AS1.13 Aerosol-precipitation interactions  
AS2.02 Air-sea interaction  
AS2.03 Basic studies of the atmospheric and oceanic boundary layers  
AS2.04 Biosphere-atmosphere exchange of reactive trace gases  
AS3.02 Reactive halogen compounds in the lower and the free troposphere  
AS3.03 Trace gases in the atmosphere: observations and modelling  
AS3.04 Vertical and long-range transport of trace gases and aerosols  
AS3.05 Polar Ozone  
AS3.08 Aerosol chemical composition and water uptake  
AS3.13 Recent developments in Tropospheric Aerosol and Cloud Chemistry  
AS3.14 Gas phase chemistry of VOCs  
AS3.15 Tropospheric Composition: variability and trends  
BG1.03 Biological processes related to trace gas emissions  
BG1.04 Biosphere-atm. exchange inorganic N-compounds – atm chem./climate  
BG1.07 Remote sensing observation of Biogeochemical cycles  
BG1.11 CARBOEUROPE: the European Carbon budget  
BG2.02 Cal/val of marine and terrestrial proxies  
BG2.03 Application of stable isotopes in biogeosciences

BG3.01 Coastal biogeochem & response to anthropogenic perturbations  
BG3.02 Methane fluxes on continental margins: budgets and controls  
BG4.05 Understand & quantify greenhouse gas budgets: ocean and continents  
BG5.03 Response aquatic ecosystems: phys., chem., and biological disturbance  
BG5.04 Env. impacts biofilms, stromatolites, algal mats: microbes/ecosystems  
BG6.03 Coupling biogeochem/ecology to fluid dynamics in aquatic ecosystems  
BG6.07 Cycles of trace elements and their isotopes in a changing ocean  
BG6.09 Surface Ocean Lower Atmosphere Study Session  
BG7.04 Methods diversity/physiology microbes / frozen & liquid aquatic sys  
CL7 Physics and Biogeochemistry of the Climate System  
CL9 Anthropogenic climate changes: forcing, modelling, detection, impact  
CL25 Aeolian dust as a player and recorder of environmental change  
CL28 Antarctic cryosphere and Southern Ocean climate evolution  
CR7 Snow dynamics & snow-atmosphere exchange (Greenland/Antarctica)  
CR8 Ice sheet – climate interactions  
GI2 Atmospheric and Meteorological Instruments  
HS40 Open Session on Estuaries  
OS3 Open Session on Ocean Tracers and Chemistry  
OS4 Open Session on the Biogeochemistry of the Oceanic Carbon Cycle  
OS5 Operational Oceanography  
SSS4 Functional role of DOC in soil and aquatic systems  
US5 The International Polar Year 2007–2008  
US6 Putting Geosciences back on the European Agenda (by invitation)  
US8 Young Talents in Geosciences Symposium (by invitation)  
US10 Great Debates in the Geosciences

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