



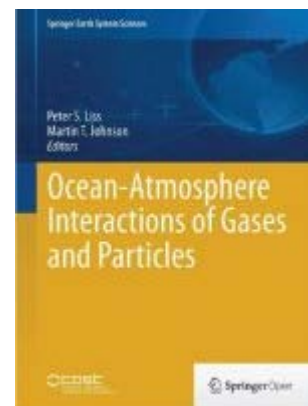
SOLAS e-bulletin 90

COST/SOLAS Book on 'Ocean-Atmosphere Interactions of Gases and Particles' available as open access book

The COST/SOLAS book '[Ocean-Atmosphere Interactions of Gases and Particles](#)' by P.S. Liss et al. is now published as an open access book. The book is an important part of the legacy of the first decade of SOLAS and is acting as the stepping-off point for the 'new' SOLAS and its future implementation.

Production of the book was supported and funded by the EU COST Action 735 and coordinated by SOLAS.

The book is available as an [open access book](#) online.



Future SOLAS Workshop

On 9-10 January, Brian Ward from the National University of Ireland in Galway with support of the SOLAS International Project Office hosted a successful workshop. Current and former SOLAS Scientific Committee members, early career scientist and IPO staff met to further develop and plan SOLAS in its next phase.

Special interest was taken in considering the outcome of the community consultation that took place during the last couple of months in 2013 and the input of the highly constructive early career scientist workshop that took place in early December of last year. Major steps have been accomplished in the layout of Future SOLAS in the context of the current SOLAS scientific sponsors and the Future Earth initiative. A document describing the next phase of SOLAS is well underway, an advanced draft is expected to be ready in late spring/early summer 2014.



Photo: Future SOLAS Workshop

New member to the SOLAS SSC

We like to welcome [Alfonso Saiz-Lopez](#) as a new member to the Scientific Steering Committee of SOLAS. Alfonso Saiz-Lopez is currently the group leader of the Atmospheric Chemistry and Climate group within CSIC's Institute of Physical Chemistry Rocasolano (IQFR) in Madrid, Spain.

At the same time we thank our former SSC members Jaqueline Stefels (Netherlands), Diego Gaiero (Argentina) and Roland von Glasow (UK) who rotated-off in December 2013 for their contributions towards SOLAS.

Poland joins the SOLAS National Network & new national representatives to Brazil & Norway

As of 01 January 2014 SOLAS is pleased to count Poland as part of the growing [SOLAS National Network](#). The appointed national representative is [Tymon Zielinski](#) from the [Institute of Oceanology, Sopot, Poland](#) where he is affiliated with the Atmosphere-Sea Interactions section. The first annual report of Poland will be made available soon on the SOLAS website.

We also welcome two new national representatives, [Leticia Cotrim da Cunha](#) (Brazil) and [Siv Lauvset](#) (Norway) who took over the role from Amauri Oliveira (Brazil) & Abdirahman M. Omar (Norway). We thank both former representatives for their long time involvement.

National annual reports are only starting to come in so you might still be able to contribute by contacting your national representative. For further information on the SOLAS National Network countries see our [SOLAS website](#).

SOLAS at the Ocean Sciences Meeting 2014

We, [Stefan Konradowitz](#), International Project Office officer and Scientific Steering Committee members of SOLAS, hope to meet you in Honolulu, Hawaii (23 - 28 February) at one of our three SOLAS dedicated spots:

- Visit us at the SCOR booth (shared with SCOR, GEOTRACES and IMBER)
- Visit us at the [SOLAS poster \(session 064\)](#)
- Join us at the [SOLAS session #064](#), led by David Kieber and Bill Miller, the SOLAS US National representative

We are hoping that these venues will give you the opportunity to find out more about the project SOLAS and its latest developments. Further we are hoping during the entire conference

1) to identify the future scientific contributors for our next edition of the [SOLAS newsletter](#) (summer 2014 issue) and 2) to develop further the US SOLAS network. So please get involved.

Finally we would be very pleased to help arranging a SOLAS Summer Schools alumni side event, so if you are a SOLAS Summer School alumni and will attend the conference, [send us an email](#).

New SCOR Working Group

A new SCOR working group on '[Dissolved N₂O and CH₄ measurements: Working towards a global network of ocean time series measurements of N₂O and CH₄](#)' has been established with an official starting date of 01 January 2014. Working group #143 is co-chaired by [Sam Wilson](#) (C-MORE/U Hawaii, Honolulu) and [Hermann Bange](#) (GEOMAR, Kiel). A kick-off meeting is planned for 21 February 2014 in Honolulu, Hawaii. For further information please contact the chairs directly. To find all SCOR working groups that are related to SOLAS visit our [website](#).

Opportunities

- The [Science and Technology Alliance for Global Sustainability](#) invites applications for the Future Earth Engagement Committee. The call for the Future Earth Engagement Committee can be found [**here**](#)
- Travel support for young scientists from developing countries to the [6th International Symposium on biological and environmental chemistry of DMS\(P\) and related compounds](#) (26-05-2014 - 30-05-2014 Barcelona, Spain) is available from SCOR. Potential candidates who wish to be eligible can indicate this when [registering](#) to the symposium.

A bit of reading

- [WCRP E-zine](#), n. 27, December 3013
- [IMBER eNews bulletin](#), No. 71 January 2014

Submit an abstract / register before...

- **EGU General Assembly 2014**

27-04-2014 - 02-05-2014 Vienna, Austria [Conference Website](#)

Abstract submission deadline: **16 January 2014**

Here are just some sessions that might be of interest to the SOLAS community (please check the conference website for a full list of sessions):

BG3.3/OS3.3 [Understanding the Indian Ocean System: past, present and future](#)

AS4.3/BG3.4/OS3.2 [Atmospheric Deposition to the Ocean: Impacts on Marine](#)

- **46th International Liege Colloquium on Ocean Dynamics: Low oxygen environments in marine, estuarine and fresh waters**

05-05-2014 - 09-05-2014 Liège, Belgium [Colloquium Website](#)

Abstract submission deadline: **24 January 2014**

- **Seventh International Symposium on Non-CO2 Greenhouse Gases (NCGG7)**

05-11-2014 - 07-11-2014 Amsterdam, Netherlands [Symposium Website](#)

Abstract submission deadline: **01 February 2014**

- **Goldschmidt 2014**

08-06-2014 - 13-06-2014 Sacramento, USA [Conference Website](#)

Abstract submission deadline: **08 February 2014**

Please note SOLAS relevant session (17b) on '[Atmospheric Nutrient Supply to the Surface Ocean, a SOLAS Perspective](#)'. Contributions are invited on recent research, from process studies to modelling work, from the molecular level to the global scale, that address the following issues: (1) how the nutrient and trace metal content of natural (including dust, volcanic ashes) and anthropogenic aerosols vary from initial uplift to oceanic deposition, and how processing in the atmosphere, including mixing with anthropogenic species, influences subsequent nutrient supply and availability; (2) what are the effects of atmospheric deposition in the surface ocean on the microbial community structure, the impact on vertical carbon export (including ballast effect) and nutrient cycling; (3) how future ocean conditions (e.g. ocean acidification, temperature and stratification) will influence the availability and reactivity of deposited material.

- **Asia Oceania Geosciences Society (AOGS) 11th Annual Meeting**

28-07-2014 - 01-08-2014 Sapporo, Japan [Conference Website](#)

Abstract submission deadline: **11 February 2014**

New dates for your diary

- **Gordon Research Conference on "Ocean global change biology"**

06-07-2014 - 11-07-2014 Waterville Valley, USA [Website](#)

- **2nd International Ocean Research Conference**

17-11-2014 - 21-11-2014 Barcelona, Spain [Conference Website](#)

- **DPG Physics School on Physics of the Ocean**

07-09-2014 - 12-09-2014 Bad Honnef, Germany [Information](#)

Contact

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