

# SOLAS update

## Consecutive Workshops on SOLAS Core Themes 4 and 5

i) Influence of coastal pollution on marine atmospheric chemistry: effects on climate and human health

ii) Interconnections between aerosols, clouds, and marine ecosystems in contrasting environment

- **27-29 November 2018**, Roma, Italy
- Early registration opens until **2 October 2018**. Register [here](#).
- More details and information about the workshops objectives [here](#).



## SOLAS Open Science Conference 2019

- [Registration](#) (Early registration will close **15 November 2018**)
- [Abstract submission](#) (will close **15 November 2018**)
- [Discussion session proposal submission](#) (will close **15 November 2018**)

See the [conference website](#) for plenary sessions and further details about the conference.



## SOLAS Code of Conduct released

The SOLAS community developed a Code of Conduct to communicate our common understanding of basic values and rules for respectful cooperation and communication at national and international levels.

You can find more information and the Code of Conduct [here](#).



## SOLAS Statement on Geoengineering announced

The many dimensions and consequences of human perturbation of the climate system pose enormous and unprecedented challenges to human society. In light of widespread international agreement to limit increasing global temperatures, policy decisions will be made in the near future about climate intervention. It is essential that this decision making process be informed by sound and robust science. The SOLAS community has specific expertise and can provide critical insights into interactions between the atmosphere and the ocean, and therefore, SOLAS has a responsibility to make a multi-faceted contribution to geoengineering discussions.

Find the Position Statement [here](#).

## Congratulations to Cristina Facchini

[Cristina Facchini](#), who is a SOLAS SSC member and a member of the SOLAS executive committee, was appointed director of the Institute of Atmospheric Sciences and Climate (ISAC), Bologna, Italy.

All the best for the new position!



## Upcoming deadlines

### JULY:

- The 3rd Integrated Carbon Observation System (ICOS) Science Conference, 11-13 September 2018, Prague, Czech Republic. Register by **12 July 2018** [here](#).
- OCB Workshop on 'Synthesis and intercomparison of ocean carbon uptake in CMIP6 models', 8-9 December 2018, Washington DC, USA. Apply by **13 July 2018** [here](#).
- Future Earth Coasts International Project Office calls for host. Submit an application by **29 July 2018**. Details [here](#).
- The IPCC invites nominations for Expert Reviewers for the First Order Draft of its "Special Report on Climate Change and Land (SRCCL)". Register by **29 July 2018**. Details [here](#).

### AUGUST:

- 2018 AGU Fall Meeting, 10-14 December 2018, Washington DC, USA. Submit abstracts by **1 August 2018** [here](#).
- Call for Review of 2018 SCOR Working Group Proposals. Comments are due **1 August 2018**. Details [here](#).
- The IPCC Task Group on Data Support for Climate Change Assessments (TG-Data) are currently accepting nominations for experts to serve as TG-Data Co-Chairs as well as members of the Task Group. Submit a nomination by **6 August 2018**. Details [here](#).
- The SCOR - InterRidge Meeting on 'Mid-Ocean Ridges and Other Geological Features of the Indian Ocean', 14-16 November 2018, Goa, India. Register by **10 August 2018** [here](#).
- The 8th China - Japan - Korea IMBeR Symposium, 17-19 September 2018, Shanghai, China. Submit an abstract by **15 August 2018** [here](#).
- Workshop on 'Climate variability in Antarctica and the Southern Hemisphere over the past 2000 years', 4-5 September 2018 in, Cambridge, UK. Register by **17 August 2018** [here](#).
- The US National Science Foundation's Advisory Committee for Environmental Research and Education (ACERE) invites input on possible environmental research and education directions. Reply by **20 August 2018** [here](#).
- The 2018 joint 14th iCACGP Quadrennial Symposium and 15th IGAC Science Conference, 25-29 September 2018, Takamatsu, Kagawa, Japan. Register by **24 August 2018** [here](#).
- The Fourth Xiamen Symposium on Marine Environmental Sciences, 6-9 January 2019, Xiamen, China. Submit an abstract by **31 August 2018** [here](#).

- The draft WCRP Strategic Plan 2019-2029 is now available for public consultation and comment. Submit your comments by **31 August 2018**. Details [here](#).

## New IFREMER 1992 - 2017 Ocean Heat Flux Time Series

IFREMER satellite group is pleased to announce that the new release of the turbulent heat flux field analyses estimated from various remotely sensed data, including scatterometer and radiometer retrievals, are now available. The determination of latent and sensible heat fluxes as well as of the related bulk variables, is based on the use of the European Space Agency (ESA) Ocean Heat Flux (OHF) project ([website](#)). Data are calculated as daily estimates over free ice global oceans, with regular space grid of 0.25 degree in latitude and longitude. More than 25 years (Jan 1992-Jun 2017) of daily data are freely available [here](#). The latter includes the full data as well as a short documentation describing briefly the new product and the related accuracy.

Preliminary tool aiming at the visualization of data is available [here](#).

Feedbacks are very welcome, please send to [Abderrahim Bentamy](#).

## Version 6 of the Surface Ocean CO<sub>2</sub> Atlas now available

The [Surface Ocean CO<sub>2</sub> Atlas](#) (SOCAT) is a synthesis activity by international marine carbon scientists (>100 contributors) with annual public releases. SOCAT version 6 has 23.4 million quality-controlled in situ surface ocean fCO<sub>2</sub> (fugacity of carbon dioxide) measurements from 1957 to 2017 for the global oceans and coastal seas, as well as additional calibrated sensor fCO<sub>2</sub> measurements.



Data submission for version 7 ends 15 January 2019; Version 7 quality control ends 31 March 2019. More information [here](#).

## 2018 AGU Fall Meeting

Pay attention to the below SOLAS relevant sessions at [2018 AGU Fall Meeting](#), and submit abstracts by 1 August 2018 [here](#).

- [A068: Marine Aerosols, Trace Gases, and Clouds Over the North Atlantic.](#)
- [B012: Carbon feedbacks in Earth's climate system: beyond emergent patterns and towards mechanistic processes to reduce future climate uncertainty.](#)
- [B036: Identifying and Reducing Biogeochemical and Physical Uncertainty in Ocean Models.](#)
- [OS010: Declining Ocean Oxygen from Estuaries to the Open Ocean: Scientific Causes and Management Implications.](#)
- [OS022: Impact of Ocean Biogeochemistry on Atmospheric Processes.](#)
- [OS043: Understanding Changing Ocean Biogeochemistry.](#)

Contact [us](#) to add SOLAS relevant sessions to the above list !

## Varia

- Upcoming events
  - The international workshop on 'Cryospheric changes and their regional & global impacts', **31 July-1 August 2018**, Dunhuang, China. More information [here](#).
  - Workshop on 'Introduction to the Awesome OCIM', **12 August 2018**, MIT campus, Boston MA, USA. Register [here](#).
  - Fundamentals of Atmospheric Chemistry and Aerosol Modeling Workshop, **13-15 August 2018**, Boulder, CO, USA. More information [here](#).
  - Ocean hackweek 2018, **20-24 August 2018**, Seattle, USA. More information [here](#).
  - The 13th International Conference on Paleoceanography (ICP), **1-6 September 2019**, Sydney, Australia. More information [here](#).
  - Lateral carbon flux in tidal wetlands: Filling a key knowledge gap through a methods intercomparison and data synthesis, **21-23 August 2018**, Woods Hole, MA, USA. More information [here](#).
  - 2018 SCOR Annual Meeting, **4-7 September 2018**, Plymouth, UK. More information [here](#).
  - PAGES' Ocean Circulation and Carbon Cycling: Ocean circulation and carbon cycling during the last deglaciation: global synthesis, **6-9 September 2018**, Cambridge, UK. More information [here](#).
  - The 15th International Circumpolar Remote Sensing Symposium, **10-14 September 2018**, Potsdam, Germany. More information [here](#).
  - Potsdam Summer School 2018, **10-19 September 2018**, Potsdam, Germany. More information [here](#).
  - EuroGEOSS Workshop 2018, **12-14 September 2018**, Geneva, Switzerland. More information [here](#).
  - 2018 iCACGP/IGAC Early Career Short Course, **22-24 September 2018**, Shodoshima Island, Japan. More information [here](#).
  - Workshop on 'Developing Data and Modeling Capacity to Understand Past Changes in Sea Ice in the Southern Ocean', **24-26 October 2018**, Vancouver, Canada. More information [here](#).
  - PALSEA2-QUIGS joint meeting on 'Climate, ice sheets and sea level during past interglacial periods', **24-27 September 2018**, Galloway, New Jersey, USA. More information [here](#).
  - Ocean Optics Conference XXIV, **7-12 October 2018**, Dubrovnik, Croatia. More information [here](#).
  - The 11th edition of Sea Tech Week, **8-12 October 2018**, Brest, France. More information [here](#).
  - 2018 Polar CORDEX Meeting, **17-19 October 2018**, Warsaw, Poland. More information [here](#).
  - IV International Conference on El Niño Southern Oscillation: ENSO in a warmer Climate, **16-18 October 2018**, Guayaquil, Ecuador. More information [here](#).
  - The 6th Argo Science Workshop, **22-24 October 2018**, Tokyo, Japan. More information soon.
  - Workshop on 'Oceanic Methane and Nitrous Oxide: The Present Situation and Future Scenarios', **28-31 October 2018**, UCLA Lake Arrowhead Conference Center, California, USA. More information [here](#).
  - 2018 Ocean Salinity Science Conference, **5-9 November 2018**, Paris, France. More information [here](#).
  - Conference on 'SPERA 2018: Bringing Environmental Radioactivity Research to Western Australia', **6-9 November 2018**, Perth, Western Australia. More information soon [here](#).

- The 1st Conference of the Arabian Journal of Geosciences (1st CAJG), **12-15 November 2018**, Yasmine Hammamet, Tunisia. More information [here](#).
  - WCRP workshop on The Earth's Energy Imbalance and its implications (EEI), **13-16 November 2018** in Toulouse, France. More information [here](#).
  - The 6th Sustainable Ocean Summit (SOS), Hong Kong, **14-16 November 2018**. More information [here](#).
  - Evolving the European Ocean Observing System: Connecting communities for end-to-end solutions, **21-23 November 2018**, Brussels, Belgium. More information [here](#).
  - GEOTRACES-PAGES synthesis workshop on 'Trace element and isotope proxies in paleoceanography', **3-5 December 2018**, Aix-Marseille, France. More information [here](#).
  - 2018 AGU Fall Meeting, **10-14 December 2018**, Washington, D.C. More information [here](#).
  - 2019 IMBER Open Science Conference, **17-21 June 2019**, Brest, France. More information [here](#).
  - The 2019 International Sea Ice Symposium, **19-23 August 2019**, Winnipeg, Canada. More information [here](#).
  - The 13th International Conference on Paleoceanography, **1-6 September 2019**, Sydney, Australia. More information [here](#).
- Published literature
    - PAGES workshop report on 'Assessing and Understanding Climate Change in Africa'. View the report [here](#).
    - The GEOTRACES [annual report 2017/2018](#) and 25 [national reports](#) are now available to download from the GEOTRACES website.
    - CLIVAR has released its new Science Plan and Implementation Strategy. Read it [here](#).
- Funding opportunities
    - Call for Strategic Start-up Actions on Blue Growth in the Mediterranean. Submit a proposal by **15 July 2018** [here](#).
    - Belmont Forum Collaborative Research Action on Science-driven e-Infrastructure Innovation (SEI) for the Enhancement of Transnational, Interdisciplinary and Transdisciplinary Data Use in Environmental Change. Submit a proposal by **16 July 2018**. Details [here](#).
    - Future Earth is announcing PEGASuS 2, an open call for research projects that focus on synthesis research for ocean sustainability. Up to four working groups will be supported and will include one postdoctoral position. Submit an application by **6 August 2018** [here](#).
    - EGU calls for financial support for training schools in the Earth, planetary or space sciences scheduled for 2019. Submit an application by **15 August 2018**. Details [here](#).
    - EUG calls for proposals for conferences on solar system and planetary processes, as well as on biochemical processes in the Earth system. Submit a proposal by **15 August 2018**. Details [here](#).
    - PAGES calls for proposals for a new working group. Submit a proposal by **4 October 2018**. Details [here](#).
- Miscellaneous
    - Call for a new host for the CliC International Project Office. Submit an expression of interest by **1 September 2018**. Details [here](#).
    - IMBeR has a new Executive Director, [Josh Claydon](#)

- WCRP/WWRP International Prize for Model Development 2018 now open for nominations. Submit a nomination by **1 October 2018**. Details [here](#).
- WCRP/GCOS International Data Prize 2018 now open for nominations. Submit a nomination by **1 October 2018**. Details [here](#).
- Flick through some newsletters
  - EuroMarine E-news Summary - Digest 86 - 11 July 2018 [here](#)
  - Future Earth Newsletter [here](#)
  - GEOTRACES e-Newsletter June 2018 [here](#)
  - IGAC eBulletin - July 2018 [here](#)
  - Ocean Carbon & Biogeochemistry eNewsletter July 5, 2018 [here](#)
  - PAGES - Past Global Changes - e-news, vol. 2018, no. 7 [here](#)
  - WCRP NEWS July 2018 [here](#)

## Contact

SOLAS International Project Office  
GEOMAR Helmholtz Center for Ocean Research Kiel, Germany  
State Key Laboratory of Marine Environmental Science, Xiamen  
University, China  
[solas@geomar.de](mailto:solas@geomar.de)

Follow us  
on Twitter  
@SOLAS\_IPO

