

# UK SOLAS science meeting and finale event

## 22-23 March 2010: Met Office, Exeter EX1 3PB, UK

### **Monday 22 March: Discussion groups**

**Programme** *Provisional (19 Feb)*

10.30-10.50	<i>Coffee/tea and registration</i>		
10.50-11.00	<b>Welcome and Introduction (Phil Williamson &amp; Richard Wood)</b>		
11.00-12.20	<b>Discussion groups 1</b>		
	1A . DMS dynamics: marine processes <b>Chair: Hendrik Schäfer</b>	1B. Atmospheric measurements relevant to air-sea exchanges, including dust delivery and processing <b>Chair: Jim Haywood</b>	
12.20-13.15	<i>Lunch and posters</i>		
13.15-13.35	<b>Overview of morning sessions and introduction to afternoon sessions</b>		
13.35-14.55	<b>Discussion groups 2</b>		
	2A. Microbiological processes affecting SOLAS-relevant biogeochemistry (other than DMS) <b>Chair: Steve Archer</b>	2B. Atmospheric measurements relevant to air-sea exchanges, continued <b>Chair: Alex Baker</b>	2C. Inclusion of SOLAS data and processes in regional and global models <b>Chair: tbc</b>
14.55-15.10	<i>Coffee/tea (in poster room)</i>		
15.10-16.30	<b>Discussion groups 3</b>		
	3A. DMS dynamics: atmospheric processes and global synthesis <b>Chair: Paul Halloran</b>	3B. Parameterising sea surface physics relevant to air-sea exchanges <b>Chair: Ian Totterdell</b>	3C. Effects of ocean upwelling on air-sea exchanges <b>Chairs: Andy Rees &amp; Gavin Tilstone</b>
16.30-17.00	<b>Overview of afternoon sessions and day summary</b>		
17.00-18.00	<b>UK SOLAS Steering Committee meeting</b>		
19.30	<i>Evening meal in Exeter for UK SOLAS Steering Committee members and speakers for 23 March. Own arrangements for others.</i>		

This is no registration fee for attendance on 22 March. **Prior notification of intended participation is, however, essential** - to [Christopher.adams@uea.ac.uk](mailto:Christopher.adams@uea.ac.uk) before 17 March, and as soon as possible due to overall constraints on numbers. [Note separate registration for 23 March, via NERC; see next page] Because the Met Office is a government building, non-UK citizens should bring their passports to the meeting in case additional identification is required.

Hotel list available on request. For information on how to get to the Met Office, see: [www.metoffice.gov.uk/corporate/location/exeter.html](http://www.metoffice.gov.uk/corporate/location/exeter.html)

## **Tuesday 23 March: Finale event**

### **Programme**

- 10:30 Coffee/tea and registration
- 11:00 Welcome  
*Met Office; Howard Cattle, UK SOLAS Chair*
- 11:10 Introduction to the Surface Ocean – Lower Atmosphere Study (SOLAS)  
*Peter Liss, University of East Anglia*
- 11:25 Marine aerosol dynamics and their climatic implications: a modelling approach  
*Ken Carslaw, Leeds University*
- 11:45 Coffee/tea
- 12:05 Achievements of the Cape Verde observatory; the first three years  
*Lucy Carpenter, York University*
- 12:25 Sea surface state and CO<sub>2</sub> fluxes  
*Rob Upstill-Goddard, Newcastle University*
- 12:45 Lunch
- 13:45 Ocean-atmosphere interactions in global climate models  
*Olivier Boucher, Met Office*
- 14:05 Role of surface microlayer in air-sea exchanges  
*Michael Cunliffe, University of Warwick/Marine Biological Association*
- 14:25 Tea/coffee
- 14:45 Atmospheric impacts on productivity in the tropical north east Atlantic  
*Eric Achterberg, National Oceanography Centre, Southampton*
- 15:05 Production and fate of marine biogases  
*Phil Nightingale, Plymouth Marine Laboratory*
- 15.25 Conclusions and future directions; general discussion
- 16:00 Close

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