

	Monday 7 May	Tuesday 8 May	Wednesday 9 May	Thursday 10 May
06:30	Breakfast buffet Registration desk open	Breakfast buffet	Breakfast buffet	Breakfast buffet
08:30	Welcome speech			
	Sea-ice biogeochemistry and interactions with the atmosphere Chair: Jacqueline Stefels	Ocean-derived aerosols: production, evolution and impacts Chair: David Kieber	Atmospheric control of nutrient cycling and production in the surface ocean Chair: Cécile Guieu	Air-sea gas fluxes at eastern boundary upwelling and oxygen minimum zone (OMZ) systems Chair: Véronique Garçon
08:45	<u>Caroline Leck</u> : Could marine microorganisms prevent the observed sea ice-melt in the Arctic?	<u>Cristina Facchini</u> : Submicron marine organic aerosols: primary vs. secondary	<u>Emilio Marañón</u> : Effects of atmospheric nutrient deposition on the surface ocean's biology: community structure, metabolic rates, and biogeochemical fluxes	<u>Andreas Oschlies</u> : Sorting out possible scenarios about the future of oxygen minimum zone systems
09:15	<u>Véronique Schoemann</u> : Sea ice as a source of bioavailable iron to the Southern Ocean	<u>Elizabeth C. Minor</u> : Analyzing water soluble and water insoluble organic matter: insights from lake and ocean water-column work?	<u>Huiwang Gao</u> : Correlation of Asian dust with chlorophyll and primary productivity in North Pacific Ocean	<u>Sophie Bonnet</u> : Dinitrogen fixation above Oxygen Minimum Zones
09:35	<u>Monica Orellana</u> : Sequencing of marine microgels in the high Arctic	<u>Ilan Koren</u> : On the deep relationship between clouds and maritime aerosol	<u>Mark Moore</u> : Atmospheric iron inputs and the sub-tropical Atlantic biogeochemical divide	<u>Damodar M Shenoy</u> : Cycling of nitrous oxide, methane and dimethylsulphide at the Candolim time series station in the Arabian Sea
09:55	<u>Anna Granfors</u> : Sea ice as a source of halocarbons in Polar oceans	<u>Rainer Volkamer</u> : Controls from a widespread surface ocean organic micro layer on atmospheric oxidative capacity	<u>Tim Jickells</u> : Atmospheric nutrient inputs to the western Pacific	<u>Jose Martin Hernandez-Ayon</u> : Influence of subtropical OMZ in the inorganic carbon along the Pacific Mexican Coast
10:15	Coffee break			
	Long-lived greenhouse gases: sea-air exchange and impact Chair: tba	Physics of air-sea exchange Chair: Brian Ward	SOLAS and the future ocean (short talks and panel) Chair: Douglas Wallace	Emerging Issues Chair: Eric Saltzman
11:00	<u>Yukihiro Nojiri</u> : Basin scale analysis of oceanic pCO ₂ variability and results of atmospheric tracers for ocean CO ₂ sink variability	<u>Carol-Anne Clayson</u> : Recent developments in the physics of air-sea exchanges	<u>Scott Doney</u> : Rising atmospheric CO ₂ and ocean acidification	<u>Michio Aoyama</u> : Budget and distribution of ¹³⁷ Cs and ¹³⁴ Cs in the North Pacific Ocean
11:30	<u>Dorothee Bakker</u> : Long-lived greenhouse gases air-sea exchange and impact	<u>Christoph Garbe</u> : Small scale transport processes at the air	<u>Cliff Law</u> : Understanding how multiple anthropogenic stressors will alter ocean biogeochemistry	<u>Xiaohong Yao</u> : Which factors determine spring biological bloom in the China Sea?
11:50	<u>Annette Kock</u> : Effects of surfactants on N ₂ O emissions from biologically productive regions	<u>Mingxi Yang</u> : Physical drivers in the air-sea exchange of trace gases		<u>Roberta Hamme</u> : Iron fertilization by volcanic ash: Implications for ocean carbon uptake
12:10	<u>Christoph Heinze</u> : Changes in carbon uptake and emissions by oceans in a changing climate - CARBOCHANGE	<u>Wade McGillis</u> : Sea Ice Gas Exchange Studies [2007 - 2012]		<u>Lihini Aluwihare</u> : New developments in the field of marine organic matter composition and cycling
12:30	Boxed lunch	Boxed lunch	Boxed lunch	Closing speech
				Boxed lunch

Programme: SOLAS Open Science Conference 2012: afternoon

	Monday 7 May	Tuesday 8 May	Wednesday 9 May	Thursday 10 May
14:00	Time off	Time off	Time off	
14:30		Plenary discussion session		
15:00		SOLAS Science Plan and its Relevance to Society Conveners: Eric Saltzman and the SOLAS Scientific Steering Committee	Parallel discussion sessions	
15:30		Break	Earth observations for SOLAS science Conveners: Christoph Garbe, Véronique Garçon and David Woolf	
16:00	Parallel discussion sessions Climate impact of seasalt-derived Cl atoms Conveners: Roland von Glasow and Eric Saltzman	Parallel discussion sessions Ocean-derived aerosol: Properties and climate Impacts Conveners: David Kieber and Lynn Russell	Potential shifts in DMS flux from the ocean due to a changing climate Conveners: Jacqueline Stefels and Rafel Simó	
16:30	Improving our understanding of and capacity for model projections of sea ice-ocean biogeochemistry Conveners: Nadja Steiner and Clara Deal	Gas transfer at high wind speeds: Recent observations and constraints Conveners: Rik Wanninkhof and William Asher	Impacts of dust and ash on ocean productivity Conveners: Roberta Hamme, Remi Losno, I-I Lin and Diego Gaiero	
17:00	Parameterising k with parameters other than wind speed? Conveners: Christoph Garbe and Brian Ward	Detection and monitoring large-scale impacts of ocean acidification Conveners: Christoph Heinze and Yukihiko Nojiri	Break	
17:30	Break	Break	Poster session	
18:00	Dinner	Dinner		
18:30				
19:00			Break	
19:30	Poster session	Poster session	Banquet	
20:00 - 22:00				