

	T1: Greenhouse gases and the oceans	T2: Air-sea interface and fluxes of mass and energy	T3: Atmospheric deposition and ocean biogeochemistry	T4: Marine ecosystems, aerosols, and clouds	T5: Ocean control on atmospheric chemistry	Integrated Topic on: Upwelling Systems	Integrated Topic on: Polar Oceans	Integrated Topic on: The Indian Ocean	Climate intervention	Science and society
<b>Sponsored projects</b>										
BEPSII (Biogeochemical Exchange Processes at Sea-Ice Interfaces) research community	*	*	*	*	*		*		*	*
CATCH (Cryosphere and ATmospheric CHEmistry)				*	*		*			
IOC-R (Integrated Ocean Carbon Research)	*									
SOLAS IMBeR Ocean Acidification (SIAO)	*		*							
<b>Endorsed projects</b>										
ACRUISE (Atmospheric Composition and Radiative forcing changes due to UN International Ship Emissions regulations)		*		*	*				*	*
AMBIEnCE (Impact of atmospheric multi-stressors to coastal marine systems in a changing climate scenario)			*	*						
AMT4CO <sub>2</sub> Flux (Atlantic Meridional Transect Ocean Flux from Satellite Campaign)	*	*								
BASS (Biogeochemical processes and Air–	*	*			*				*	

sea exchange in the Sea-Surface microlayer)										
BOOGIE (Breathing Oceans: understanding the organic skin that modulates the exchange of greenhouse gases between the atmosphere and the ocean)	*	*		*	*					*
Carbon-FE (Carbon Fixation and Export in oligotrophic ocean)	*		*						*	
CARBOSTORE (Carbon Storage in German Coastal Seas - Stability, Vulnerability and Perspectives for Manageability)	*	*	*							*
CRiceS (Climate Relevant interactions and feedbacks: the key role of Sea ice and Snow in the polar and global climate system)	*	*	*	*	*		*			*
Marine Carbon Sink - Quantifying and Predicting Canada's Marine Carbon Sink	*	*					*			
PICCOLO (Processes Influencing Carbon Cycling: Observations of the Lower limb of the Antarctic Overturning)	*	*					*			
REEBUS (Role of Eddies in the Carbon Pump of Eastern Boundary Upwelling Systems)	*		*			*				
SEANA (Shipping Emissions in the Arctic and North Atlantic Atmosphere)				*	*		*			*

Sea2Cloud: Are marine microorganisms influencing clouds?				*	*					
ShipTRASE - Global shipping: Linking policy and economics to biogeochemical cycling and air-sea interaction			*							*
Surface Ocean CO <sub>2</sub> Atlas (SOCAT)	*	*								
<b>Endorsed Time Series Stations</b>										
Boknis Eck Time-Series Station	*	*	*		*	*				
Ocean Observatories Initiative	*	*	*		*	*	*		*	
Penlee Point Atmospheric Observatory (PPAO)	*	*	*	*	*					*
Tudor Hill Marine-Atmospheric Observatory	*	*	*	*	*					
<b>SCOR Working Groups</b>										
SCOR Working Group 151, FeMIP (Iron Model Intercomparison Project)			*							
SCOR Working Group 152, ECV-Ice (Essential Climate Variables in Sea Ice)	*			*	*		*			
SCOR Working Group 153, FLOTSAM (Floating Litter and its Oceanic Transport Analysis and Modelling)										*
SCOR Working Group 155, EBUS (Eastern boundary upwelling systems)	*					*				
SCOR Working Group 162, OASIS (Observing Air-Sea Interactions Strategy)	*	*								*

SCOR Working Group 163, Clce2Clouds (Coupling of ocean-ice-atmosphere processes: from sea-Ice biogeochemistry to aerosols and Clouds)				*	*		*			*
SCOR Working Group 166, DMS-PRO (Developing resources for the study of Methylated Sulfur compound cycling PROCesses in the ocean)				*	*					
SCOR Working Group 167, RUSTED (Reducing Uncertainty in Soluble aerosol Trace Element Deposition)			*	*						
<b><i>Ocean Decade Actions</i></b>										
Coastal-SOS (Coastal Zones Under Intensifying Human Activities and Changing Climate: A Regional Programme Integrating Science, Management and Society to Support Ocean Sustainability)	*									*
GOOD (Global Ocean Oxygen Decade)	*	*			*					*
OASIS (Observing Air-Sea Interactions Strategy)		*								*
OSF (Ocean to Climate Seamless Forecasting system)		*								*
<b><i>Other Activities and Initiatives</i></b>										
COMFORT (Our common future)	*	*								

ocean in the Earth system – quantifying coupled cycles of carbon, oxygen, and nutrients for determining and achieving safe operating spaces with respect to tipping points)										
EWARP (Exchange fluxes of climate-relevant trace gases off the Western Antarctic Peninsula)	*	*								
Future Earth Ocean Knowledge-Action Network										*
GESAMP Working Group 38, Atmospheric Input of Chemicals to the Ocean	*		*							
GESAMP Working Group 41, Marine Geoengineering									*	
GO <sub>2</sub> NE (Global Ocean Oxygen Network)	*					*				
GreenFeedBack (Greenhouse Gas Fluxes and Earth System Feedbacks)	*	*								
ICOS (Integrated Carbon Observation System)	*	*								*
IIOE-2 (Second International Indian Ocean Expedition)								*		
LAOCA (Latin-American Ocean Acidification Network)	*					*				
MAP-IO: Marion Dufresne Atmospheric Program Indian Ocean				*				*		
NAAMES (North Atlantic Aerosols and Marine Ecosystems Study)				*						

ORCHESTRA (Ocean Regulation of Climate by Heat and Carbon Sequestration and Transports)	*	*								
PICCAASO (Partnerships Investigating Clouds and the biogeoChemistry on the Atmosphere in Antarctica and the Southern Ocean)					*		*			
POLAR-Change: aerosol emissions from polar changing environments				*	*		*			
RoSES (Role of the Southern Ocean in the Earth System)	*						*			
SOCCOM (Southern Ocean Carbon and Climate Observations and Modeling)	*						*			
SO-CHIC (Southern Ocean Carbon and Heat Impact on Climate)	*	*					*			
ALOHA (Taiwan - Aerosol, Land, Ocean, Human, Air)					*					
<b>Cruises</b>										
ISESO (Indian scientific expeditions to the Southern Ocean) -> <b>January 2023</b>							*			
China-Cruises for the investigation of seasonal variations of DMS, CO, volatile halocarbons, and nonmethane hydrocarbons in Yangtze River Estuary -> <b>2022/2023</b>					*					

India-Expeditions in the Arabian Sea, Bay of Bengal and the Indian Ocean -> <b>2022/2023</b>					*		*	*		
BIOCAN Cruise to the Arabian Sea -> <b>January /February 2024</b>								*		
BIOCAT Cruise to the Bay of Bengal -> <b>April/ May 2024</b>								*		
<b>Events</b>										
3rd CATCH Open Science Workshop, Online -> <b>9-13 May 2022</b>	*	*					*			
BEPSII Sea-Ice School 2022, CHARS Station, Canada -> <b>14-23 May 2022</b>	*	*	*	*			*			
ECV-Ice Intercalibration Experiment and BEPSII Winter School, CHARS Station, Canada -> <b>17-20 May 2022</b>	*	*	*	*			*			
8th International Symposium on Gas Transfer at Water Surfaces, Plymouth, UK & Online -> <b>17-20 May 2022</b>	*	*		*	*					
SOLAS Session on Air-sea Chemical Fluxes: Impacts on Biogeochemistry and Climate at EGU General Assembly 2022, Vienna, Austria & Online -> <b>23-27 May 2022</b>	*	*		*	*		*			
SOLAS Side Meeting at the Integrated Meetings of IOGOOS, Online -> <b>24 May 2022</b>	*						*	*		
Virtual Training Programme for					*					*

Sustainable Oceans 2022, Online -> <b>28 June-1 July 2022</b>										
SOLAS Co-organised Side Event at UN Ocean Conference 2022, Lisbon, Portugal & Online -> <b>30 June 2022</b>										*
SOLAS Southeast Asia Workshop, Online, <b>23rd August 2022</b>	*	*	*	*	*					
Open Science Conference on EBUS & Second International Conference on the Humboldt Current System, Lima, Peru & Online -> <b>19-23 September 2022</b>						*				
Cice2Clouds Workshop, Cape Verde, South Africa & Online -> <b>23-24 September 2022</b>				*	*		*			
8 <sup>th</sup> SOLAS Open Science Conference, Cape Verde, South Africa & Online -> <b>25-29 September 2022</b>	*	*	*	*	*	*	*	*	*	*
23 <sup>rd</sup> SOLAS Scientific Steering Committee Meeting, Cape Verde, South Africa & Online -> <b>30 September-1 October 2022</b>	*	*	*	*	*	*	*	*	*	*
GESAMP Working Group 38 – SOLAS Workshop, Cape Town, South Africa -> <b>October 2022</b>			*		*					*
SOLAS Side Event at 2022 World Ocean Week in Xiamen, Xiamen, China & Online -> <b>11 November 2022</b>	*	*		*	*		*	*		



SOLAS/Future Earth Side Event at COP27, Sharm El-Sheikh, Egypt & Online -> <b>11 November 2022</b>			*							*
23 <sup>rd</sup> SOLAS Scientific Steering Committee Meeting, Online -> <b>5 December 2022</b>	*	*	*	*	*	*	*	*	*	*
Air-Sea Interaction Session at 23 <sup>rd</sup> Conference on Air-Sea Interaction, Denver, USA & Online -> <b>8-12 January 2023</b>		*								
SOLAS Town Hall & Session at XMAS-VI, Xiamen, China & Online -> <b>11 January 2023</b>	*	*	*	*	*	*	*	*	*	*
4th Workshop on Waves and Wave-Coupled Processes, Uppsala, Sweden -> <b>14-16 February 2023</b>		*								
BEPSII General Meeting, California, USA -> <b>12-14 March 2023</b>	*	*	*	*	*		*		*	*
SOLAS Eddy-covariance CO <sub>2</sub> Flux Measurement Best Practice Workshop, London, UK -> <b>27-29 March 2023</b>		*								
SOLAS Early Career Scientist Committee Workshop, Online -> <b>19-21 April 2023</b>	*	*	*	*	*	*	*	*	*	*
SOLAS Session on Air-sea Chemical Fluxes: Impacts on Biogeochemistry and Climate at EGU General Assembly 2023, Vienna, Austria & Online -> <b>25 April 2023</b>	*	*		*	*		*			

