

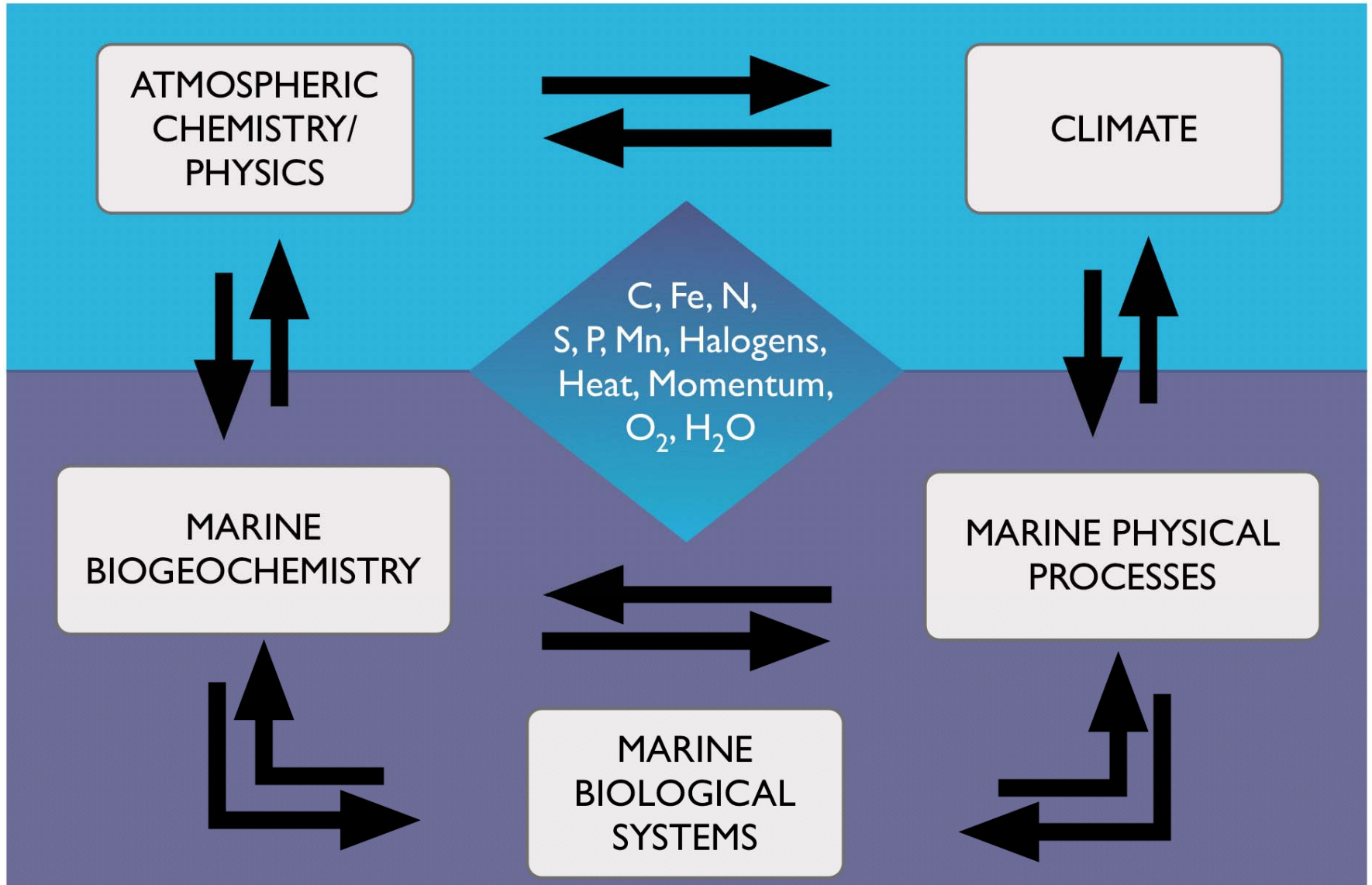
SOLAS

Potential areas of collaboration with

PICES



SOLAS Science



SOLAS international research initiative aims to achieve quantitative understanding of the key biogeochemical-physical interactions and feedbacks between the ocean and the atmosphere and to understand how this coupled system affects and is affected by climate and environmental change.

FOCUS 1: Biogeochemical Interactions and Feedbacks between Ocean and Atmosphere

- DMS and climate
- Fe and marine productivity
- Atmospheric deposition of N to pelagic and coastal oceans

..... **BIO/IFEP, MEQ, POC/WG-20**

SOLAS Scientists

Summer Schools
2003, 2005, 2007
Corsica, France

Open Science Conference
2004: Halifax, Canada
2007: Xiamen, China

National Representatives
23 Countries

Implementation Groups

Focus1: Biogeochemical Processes

Focus2: Physical Exchange Processes

Focus3: Exchange of Greenhouse Gases

Joint with IMBER



With the support of IOCCP



Data Management

Task Teams

Halogens in the Troposphere

Organic Aerosols:

Joint with IGAC



Air-Ice Chemical Interactions:

Joint with IGAC

IPY coordinator



IPY

International Polar Year

Science Plan and
Implementation Strategy

**SOLAS Scientific
Steering Committee**

Chair: Peter Liss
18 members

**International Project
Office**

Jeff Hare & Emily Brévière

Sponsors



SOLAS would like to strengthen linkages with **PICES**, and the **SOLAS Open Science Meeting 2007** presents a fine opportunity for increased collaboration.

SOLAS would like to attract young scientists from **PICES** member countries (Canada, China, Japan, Korea, Russia, and USA).

SOLAS OPEN SCIENCE CONFERENCE

6-9 MARCH 2007
XIAMEN, CHINA

Scientific Organising Committee

Chair: Guang-Yu Shi (China)

Minhan Dai (China)

David Ho (USA)

Jill Caine (Australia)

Uli Platt (Germany)

Patricia Matrai (USA)

Caroline Leck (Sweden)

Peter Liss (United Kingdom)

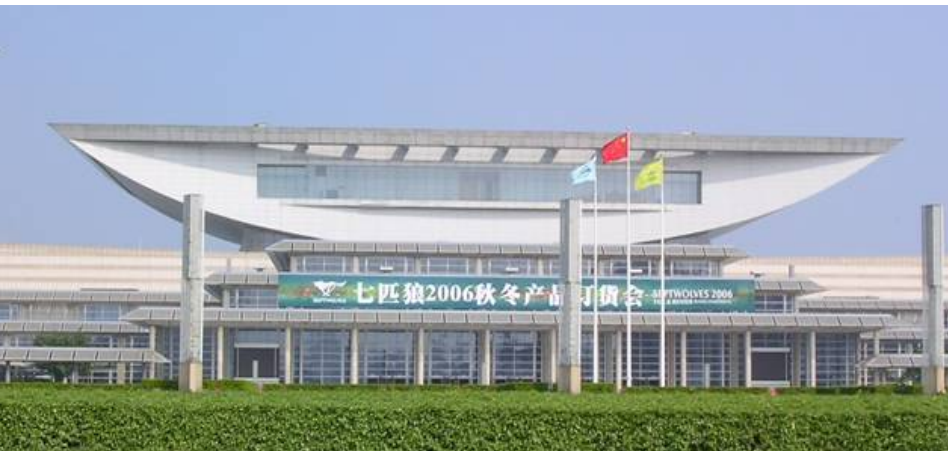
Osvaldo Ulloa (Chile)

Véronique Garçon (France)

Mitsuo Uematsu (Japan)

Maurice Levasseur (Canada)

Shizuo Feng (China)



Xiamen International Conference and Exhibition Centre (XICEC)



surface ocean **solas** 2015 lower atmosphere study

SOLAS Open Science Conference

6-9 March 2007
Xiamen, China

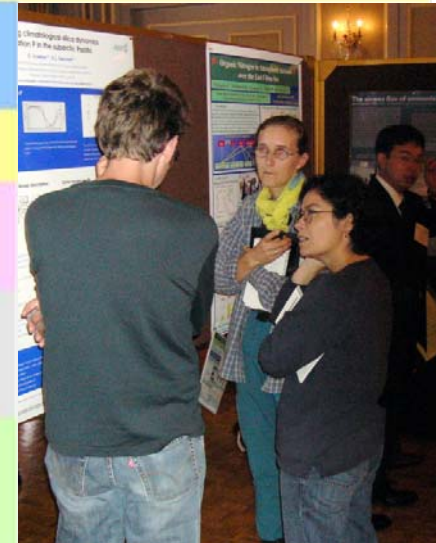
厦门欢迎您

www.solas-int.org
Registration open in May

Programme:

- Morning plenary talks given by invited speakers, addressing science of the three SOLAS foci.
- Afternoon poster sessions.
- Afternoon planning and synthesis sessions on selected topics.

Monday March 5	Tuesday March 6	Wednesday March 7	Thursday March 8	Friday March 9
	09.00 Opening ceremony	09.00 Plenary talks (2)	09.00 Plenary talks (2)	09.00 Plenary talks (2)
	09.35 Plenary talk			
	10.10 Coffee	10.10 Coffee	10.10 Coffee	10.10 Coffee
	10.40 Plenary talks (3)	10.40 Plenary talks (3)	10.40 Plenary talks (3)	10.40 Plenary talks (3)
	12.25 Lunch	12.25 Lunch	12.25 Lunch	
	14.00 Plenary talk	14.00 Poster session	14.00 Plenary talk	
	14.35 Poster session	15.40 Coffee	14.35 Poster session	
	16.15 Coffee	16.00 Planning and synthesis sessions	16.15 Coffee	
Ice breaker	16.45 Planning and synthesis sessions	17.30 Visit to Xiamen University and temple	16.45 Planning and synthesis sessions	
		Dinner at University	Banquet	



Invited Plenary Speakers:

Tom Pedersen, Canada

Lisa Miller, Canada

Maurice Levasseur, Canada

Minhan Dai, China (Beijing)

Tong Zhu, China (Beijing)

Wuting Tsai, China (Taipei)

Shigenobu Takeda, Japan

Kitack Lee, Korea

Barry Huebert, USA

Craig McNeil, USA

Eric Saltzman, USA

Joyce Penner, USA

Jill Caine, Australia

Laura Farias, Chile

Lise Lotte Soerensen, Denmark

Laurent Bopp, France

Véronique Garçon, France

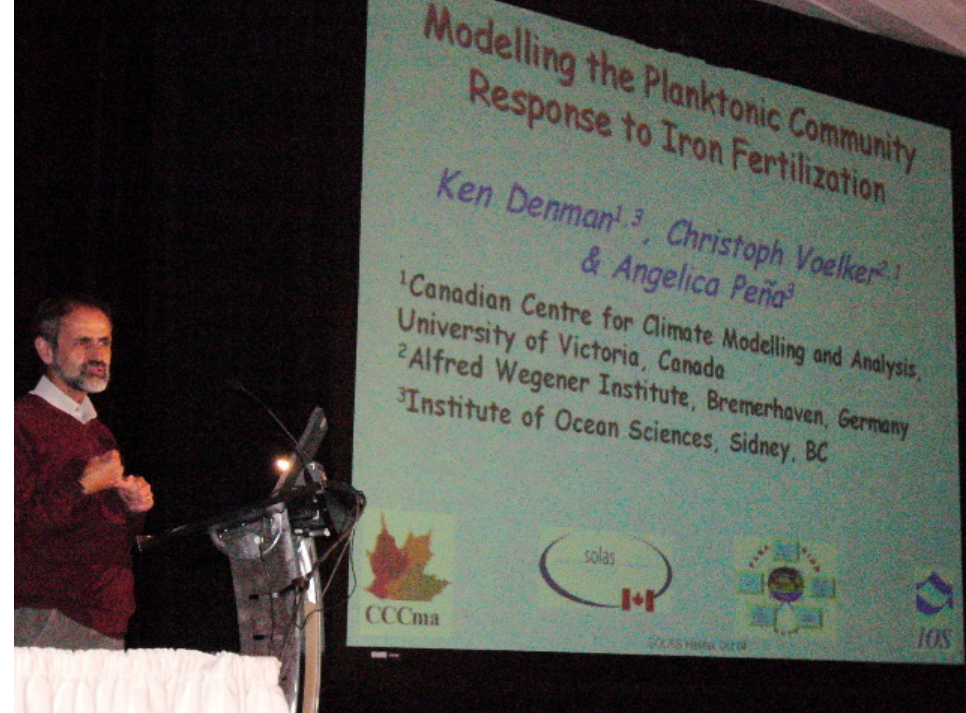
Doug Wallace, Germany

Roland Von Glasow, Germany

Andy Watson, UK

Phil Nightingale, UK

Colin Murrell, UK



Planning and Synthesis Sessions

- Each full day of the conference will include **1hr 30 min** scheduled for several parallel discussion sessions.
- These are intended to provide an informal setting where **'hot' topics chosen by the community** can be debated and relevant results presented.

Suggested sessions

- Molecular techniques for measurements.
- Dust impacts on ocean interface between Atlantic and Asia.
- Earth System Science in the global perspective and SOLAS as it pertains to it.
- Satellite data and synthesis.
- Atmospheric chemistry.
- Nitrogen in the marine atmosphere.
- Large scale experiments task team.

PICES can put forward a topic or suggest someone to lead one.



Scientists working in physical, chemical and/or biological disciplines related to **SOLAS** research are encouraged to participate in this meeting through **poster presentations.**

The deadline for submission of abstracts is 1 December 2006.



Tuesday March 6	Wednesday March 7	Thursday March 8
09.00 Opening ceremony	09.00 Plenary talks (2)	09.00 Plenary talks (2)
09.35 Plenary talk		
10.10 Coffee	10.10 Coffee	10.10 Coffee
10.40 Plenary talks (3)	10.40 Plenary talks (3)	10.40 Plenary talks (3)
12.25 Lunch	12.25 Lunch	12.25 Lunch
14.00 Plenary talk	14.00 Poster session	14.00 Plenary talk
14.35 Poster session	15.40 Coffee	14.35 Poster session
16.15 Coffee	16.00 Planning and synthesis sessions	16.15 Coffee
16.45 Planning and synthesis sessions	17.30 Visit to Xiamen University and temple	16.45 Planning and synthesis sessions

Financial Support

The **SOLAS** IPO and SSC are working with a variety of international agencies to develop financial assistance for students and for scientists from nations with developing economies.



The European Network ACCENT (Atmospheric Composition Change) is assisting European participation in the SOLAS Open Science meeting through funds for young students/early career scientists.

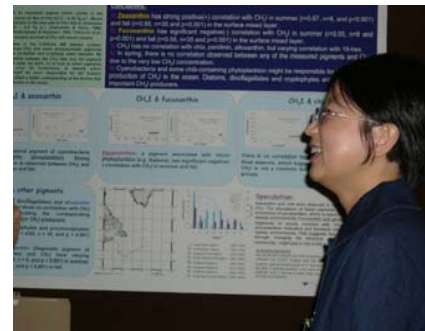
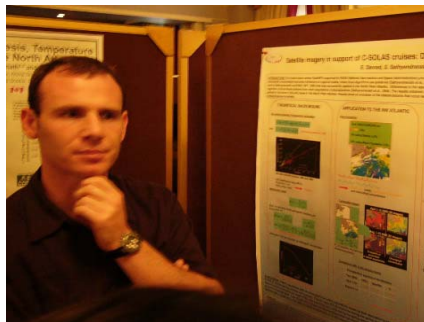
Conditions:

- 1. Applicants can request ACCENT support for one-half of their total attendance cost, with the remainder coming from the applicants host institution.**
- 2. Applicants must be resident at an ACCENT-affiliated institution (either Member or Associate)**
- 3. Applicants must present a poster at the Xiamen meeting on one of the three topics of value to ACCENT (Aerosols, Remote Sensing from Satellites, and International Collaboration).**

SOLAS kindly requests support from **PICES** to cover the travel costs for selected scientists and students from these nations.

We expect that a contribution of **\$10000** will partially or fully support the participation of up to **6-9 scientists and students**.

- Students and young scientists from **PICES** member countries
- Poster presentations on the topics of value to **PICES**



- **SOLAS** has agreed to cover travel expenses for Dr. Marie Boye (IUEM, France) to attend **PICES XV** in Yokohama.
- She gave an invited talk at the **IFEP/MODEL** workshop on "Modeling iron biogeochemistry and ocean ecosystems" (W1, Friday, Oct 13) .
- The workshop was advertised as a joint **PICES/SOLAS** Event.

The Organic Complexation in (Modeling) the Iron Geochemistry and Bioavailability



*Marie BOYE, (Olivier AUMONT),
Stan VAN DEN BERG and Hein DE BAAR*



CNRS/UBO
UMR 6539



Institut de recherche
pour le développement



Sponsor: surface ocean solas 2019 lower atmosphere study

Sponsors

SOLAS gratefully acknowledges support for the SOLAS Open Science Meeting from:



PICES



ACCENT
ATMOSPHERIC COMPOSITION CHANGE
THE EUROPEAN NETWORK OF EXCELLENCE

