

2nd Announcement and Call for Abstracts

SHIPPING AND THE ENVIRONMENT - From Regional to Global Perspectives

24-25 October 2017

Gothenburg, Wallenberg Conference Centre, Medicinareberget

International conference on the environmental impact of shipping and its importance within policy, marine spatial planning and the maritime transport sectors. The conference is jointly organised by the Bonus project SHEBA and by the International Surface Ocean - Lower Atmosphere Study (SOLAS).



©1

©2

©1

©2

Background

Given its importance for the transport of goods on a global scale, there is a growing interest on the sustainability of the shipping industry. It has long been recognised that shipping is a very carbon-efficient transport medium, BUT there is an increasing focus on its broader environmental consequences. The Bonus [SHEBA](#) project addresses a wide range of environmental impacts of shipping in the Baltic Sea including air pollution, marine pollution, underwater noise and climate change as well as the socio-economic consequences of these impacts. [SOLAS](#) is an international project contributing to Future Earth with the mission statement "linking ocean-atmosphere interactions with climate and people". In conjunction with SHEBA's final meeting and the SOLAS workshop on Ship Plumes the projects jointly organize a conference and invite the scientific community and stakeholders of the maritime sector to two days of presentations of the latest scientific findings, discussions and poster presentations on the topics.

Who should attend

- Scientific community; researchers and students from atmospheric, marine and climate research, environmental economics, political and social science
- Environmental and transport agencies
- Environmental managers from governmental, regional and local organisations
- Maritime transport sector

Conveners

Tom Bell (Plymouth Marine Laboratory, UK)
Jukka-Pekka Jalkanen (Finnish Meteorological Institute)
Volker Matthias (Helmholtz Zentrum Geesthacht, Germany)
Jana Moldanová (IVL, Swedish Environmental research Institute)
Karyn Morrissey (University of Exeter, UK)
Markus Quante (Helmholtz Zentrum Geesthacht, Germany)
Eva Roth (University of Southern Denmark)
Anna Rutgersson (Uppsala University, Sweden)
Peter Sigraý (FOI, Swedish Defence Research Agency)
Eva-Lotta Sundblad (Swedish Institute for Marine Environment)
David Turner (University of Gothenburg, Sweden)
Erik Ytreberg (Chalmers University of Technology, Sweden)

Organising committee

Jana Moldanova (IVL, SE), David Turner (Univ. Gothenburg, SE), Tom Bell (PML, UK), Lena Granhag (Chalmers, SE), Sara Jutterström (IVL, SE), Ingrid Mawdsley (IVL, SE), Markus Quante (HZG, DE), Anna Rutgersson (Uppsala Univ., SE)

Sessions

- Atmospheric processes - ship emissions to air and their impact upon the environment
- Marine processes - emissions of materials from ships to seawater, and the consequences for chemical and biological processes in the water column
- Noise - underwater noise and its impacts on marine biota, above-water noise and its impacts on human well-being
- Socioeconomic aspects & policies
- Assessments of integrated effects on environment and climate
- Poster session
- Panel discussion

Keynote Speakers

James Corbett

University of Delaware, USA

Prof. Corbett has world-leading expertise on technology policy innovation for 21st Century freight systems, with a focus on international shipping and coastal marine policy. Among more than 175 publications, he co-authored three IMO studies on shipping's greenhouse gas emissions.

Katherine Mackey

University of California Irvine, USA

Dr. Mackey researches on marine biogeochemical cycles and explores how phytoplankton adapts to global change, with an emphasis on community responses to atmospheric deposition. Moving forward, she is interested in investigating the consequences of emissions from new Arctic shipping routes for primary production in the region.

SOLAS workshop

The conference is followed up by SOLAS workshop on ship plumes the 26 October. Please, check for further details on conference webpage and contact David Turner (david.turner@marine.gu.se) if interested to attend.

Important dates

Abstract submission	Abstract Submission now open, deadline 11 June 2017
Notification of acceptance	26 August 2017
Registration Early Bird/Student fee	31 August 2017
Registration Regular fee	12 October 2017
Block booking of accommodation	7 October 2017

Conference webpage, registration and abstract submission

Please, visit our webpage <http://shipping-and-the-environment-2017.ivl.se/> for registration for the conference and submission of abstracts, information about the program, sessions, invited speakers, travel and the conference news.

Journal special issue

There will be possibility to publish conference contributions in the conference special issue in open access scientific journal. Submission of the full papers preliminarily planned for the beginning of year 2018.

Symposium fee

Students (registration until 31 August)	1000 SEK (~110 USD)
Early bird fee (registration until 31 August)	1400 SEK (~155 USD)
Regular fee (registration after 31 August)	1650 SEK (~185 USD)
Conference dinner	650 SEK (~ 72 USD)

All prices are including taxes

Accommodation

A number of rooms have been reserved from hotel Scandic Opalen until 7th October. The accommodation reserved for the conference participants will be allocated on a first-come, first-served basis.

Further questions?

Contact us on e-mail address SE-Conference2017@ivl.se