

NEMO Sea Ice Working Group Meeting

Designing a strategy for sea ice development in NEMO

Jan 31-Feb 2 2017, Paris, France

Start: Tuesday Jan 31st 2017, 14:00.

Latest End: Thursday Feb 2nd 2017, 13:00.

Rationale and objectives

NEMO has, with great success, brought together the West European ocean model development community to produce one of the few leading ocean modelling tools in the world. One key and original feature is that developments are shared and organised between 6 European research institutions.

Yet regarding sea ice, there has not been a common development strategy, leading to duplications and to a waste of manpower, at the expense of scientific activities. These issues have been discussed at a series of small-size workshops in 2015 & 2016, leading to the recommendation that the NEMO developer's committee create a specific working group dedicated to sea ice.

The mission of the sea ice working group is to reduce duplication in the scientific and code development and to design a long-term strategy for sea ice in NEMO. To accomplish this goal, it was decided to invite the sea ice experts of the NEMO community, asking them to provide recommendations on the three following questions:

1. What are the existing development duplications in terms of sea ice, what is their cost?
2. Which of the possible development strategies is the most suitable for best use of development *resources* and scientific achievements?
3. *Can we work together better and more efficiently on a short-term time scale to remove these duplications (2017-2018)?*

Acknowledgments

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Agenda

Tuesday, Jan 31st

[14:00-18:00, coffee, tea & pastries on site]

- *Welcome, goals and introduction*
 - *Overview of sea ice models used with NEMO: model use, science foci, developments, coupling, ...*
 - *Presentation from each group, max 5 slides each based on template, 8x10 min*
 - *Synthesis & outline of day 2*
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Wednesday, Feb 1st

[09:30-12:45, lunch on site, 14:00-17:30]

Discussions on the 3 questions

- 1. What are the existing scientific and technical development duplications affecting sea ice within the NEMO community and what is their cost?*
 - 2. Which of the possible development strategies is the most suitable for optimal use of development resources and best scientific achievements?*
 - 3. Can we work together better and more efficiently on a short-term time scale to remove these duplications (2017-2018) ?*
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Thursday, Feb 2nd

[9:30-12:45]

- *Synthesis & outlook*
- *Information on the sea ice working group & on the long-term strategy development document*

Travel information

LOCEAN, Université Pierre et Marie Curie.

4 Place Jussieu, 75005 Paris (5e arrondissement)

Seminar room, Jussieu Campus (Metro Jussieu), 4th Floor, Corridor 45-55.

Enter the campus, find tower 45 (more or less in front of you after security check), use the lift or stairs up to 4th floor, pick up the corridor 45-55 and shout to find local people. Coffee and Tea will be waiting for you.

Closest metro stop « Jussieu » (www.ratp.fr)

Public bike rental service (www.velib.paris)

Local contact: Martin Vancoppenolle

(martin.vancoppenolle@locean-ipsl.upmc.fr, +33 6 95 57 77 31)

Food

Coffee breaks & pastries, as well as Wed lunch are offered. Tue & Wed dinners are not and of course, optional.

Tuesday 19.45 @ [Le Jardin des pâtes](#) (4 Rue Lacépède).

Wednesday 12.30 @ [L'ardoise](#) (within Jussieu Campus, offered).

Wednesday 19.00 @ Maybe

Participants

Ed Blockley	UKMO	ed.blockley@metoffice.gov.uk
Helene Hewitt	UKMO	helene.hewitt@metoffice.ac.uk
Jeff Ridley	UKMO	jeff.ridley@metoffice.ac.uk
Danny Feltham	Reading	d.l.feltham@reading.ac.uk
David Schroeder	Reading	d.schroeder@reading.ac.uk
Yevgeny Aksenov	NOCS	yka@noc.ac.uk
Martin Vancoppenolle	LOCEAN-IPSL	martin.vancoppenolle@locean-ipsl.upmc.fr
Clément Rousset	LOCEAN-IPSL	clement.rousset@locean-ipsl.upmc.fr
Gurvan Madec	LOCEAN-IPSL	gurvan.madec@locean-ipsl.upmc.fr
Claire Lévy	LOCEAN-IPSL	claire.levy@locean-ipsl.upmc.fr
David Salas	Meteo France	david.salas@meteo.fr
Matthieu Chevallier	Meteo France	matthieu.chevallier@meteo.fr
Gilles Garric	Mercator Ocean	gilles.garric@mercator-ocean.fr
Thierry Fichefet	UCL	thierry.fichefet@uclouvain.be
Olivier Lecomte	UCL	olivier.lecomte@uclouvain.be
Paul Holland*	BAS	pahol@bas.ac.uk
Dorotea Iovino*	CMCC	dorotea.iovino@cmcc.it

*declined