



Invitation

JERICO Plankton Workshop

Gothenburg, Sweden, 27-30 September 2016

Version 17 March 2016



**Who is the workshop for?**

Participants in JERICO-NEXT workpackages 3.1 and 4.1 and a few other invited persons

Aims

- To improve the understanding of plankton diversity, spatial and temporal distribution and the development of algal blooms in the sea. Harmful algae will be in focus.
- To exchange experiences of using devices aimed at automated observations of phytoplankton including harmful algae. Instruments include multispectral fluorometers, flow cytometers and in situ video systems.
- To compare the performance of different instruments. Note: a proper scientific inter-comparison of instruments with replicated samples etc. is not the aim of the workshop.
- To promote cooperation and to plan future work in WP3.1 and 4.1.

Venue

Swedish Meteorological and Hydrological Institute, Gothenburg, Sweden
Address: Sven Källfelts gata 15, 426 71 Västra Frölunda

One meeting room holding 15-20 persons

One meeting room holding ~12 persons

Two small meeting rooms holding ~ 6 persons

A relatively large laboratory will be available for the practical work

Sea water with local plankton communities from the Kattegat will be available. It may be possible to also bring water from the Baltic Sea containing nitrogen fixing cyanobacteria.

Inverted and standard microscopes and general oceanographic laboratory equipment will be available. Let us know if you need something special.

Convenor

Bengt Karlson, bengt.karlson@smhi.se, phone: +46 31 751 8958, mobile +46 733 467674

Contact person regarding practical issues such as where to stay

Kerstin Côté, kerstin.cote@smhi.se, +46 31 751 8975

Travelling to SMHI – check out this link

<http://www.smhi.se/en/contact/smhi-headoffice-and-offices/smhi-gothenburg-1.25535>

Where to stay

Recommended accommodation: Dockyard Hotel (a few hundred meters from SMHI). Cost 795 SEK (~€75) per night including breakfast. Make sure to make your reservation early. Twelve rooms at Dockyard hotel have been reserved 26-30 September for the workshop. See *registration* below for details on how to make your reservation.

DOCKYARD HOTEL
Skeppet Årans Väg 23
Nya Varvet
426 71 Västra Frölunda
SWEDEN

T: +46 (0) 31- 857020
E: info@dockyardhotel.se
W: www.dockyardhotel.se

Alternate hotel: Novotel (about 1500 m from SMHI) www.novotel.se





Costs

All costs except for the meeting venue and the visit at the Tångesund observatory will be covered by workshop participants (DAFF, who have no funding in JERICO-NEXT may receive funding for travel costs directly from the project). This means that participants will have to pay for travel, accommodation and food. Funding of the JERICO-NEXT project can be used. SMHI will provide meeting room, a large laboratory for the hands on work with instruments. Seawater with plankton and minor laboratory equipment will be available.

Registration

Preregistration - as soon as possible, preferably before 1 April 2016

Firm commitment for participation - deadline 28 June 2016

Register by sending an e-mail to kerstin.cote@smhi.se with a copy to bengt.karlson@smhi.se. Include your contact details and planned arrival date and time.

Please note that you need to reserve your room at the hotel by sending to an e-mail info@dockyardhotel.se or by phone (see above), refer to the booking reference # 187236. Bookings have to be made before 11 September, twelve rooms are reserved 26-30 September.

Preliminary program (participants to be confirmed)

Monday	Activity	Who?
1300-1800	Arrival in at SMHI, unpacking and set up of instruments	Everyone
1800-2000	Informal ice breaker at SMHI, light food and something to drink	Everyone
Tuesday		
0830	Start of workshop, presentations of participants, welcome and practical information	Bengt Karlson
	Presentations: Experiences of using of flow cytometers and bio-optical instruments	
0900-0920	WHOI	Mike Brosnahan
0920-0940	CRNS- Marseille	Melilotus Thyssen
0940-1000	CNRS Wimereux	Felipe Artigas
1000-1020	Ifremer	Alain Lefebvre and Joaquin Claquin
1020-1040	Health break, coffee and tea	Everyone
1040-1100	Cefas	Veronique Créach
1100-1120	RWS	Machteld Rijkeboer
1120-1140	NIVA	Wenche Eikrem
1140-1200	SYKE	Jukka Seppälä
1200-1220	SMHI	Bengt Karlson
1220-1240	DAFF	Grant Pitcher
1240-1300	HZG	Wilhelm Petersen
1300-1400	Lunch	Everyone
1400-1500	Demonstrations and hands on work with instruments and sea water samples from the Kattegat (and the Baltic Sea?)	Work in smaller groups.





1500-1530	Health break, coffe and tea	Everyone
1530-1800	Demonstrations of and hands on work with instruments and sea water samples from the Kattegat (and the Baltic Sea?)	Work in smaller groups.
1900	Dinner at a local restaurant	Everyone

Wednesday		
0800	Departure for the Tångesund observatory in cars or minivan	Everyone
0930	Coffee and tea at Scanfjord AB, Mollösund	Everyone
1000	Visit at Tångesund observatory and mussel farm, demonstration of UVP5 and ImagingFlowCytobot	Everyone
1200	Lunch	Everyone
1300	Visit at Tångesund observatory and mussel farm, demonstration of UVP5 and ImagingFlowCytobot	Everyone
1500	Departure from Mollösund	Everyone
1700	Arrival in Gothenburg	Everyone
Evening	No organized dinner	
Thursday		
0830-1200	Demonstrations of and hands on work with instruments and sea water samples from the Kattegat (and the Baltic Sea?)	Work in smaller groups.
1230-1330	Lunch	Everyone
1330-1500	Working up the data	Everyone
1500-1530	Health break, coffee and tea	
1530-1800	Working up the data	
1900-	Workshop dinner at a Dockyard Hotel	Everyone (cost 295 SEK per person + drinks)
Friday		
0830-1000	Presentations of results	Everyone
1000-1030	Health break, coffee and tea	
1030-1200	Planning of future work in WP3.1 and 4.1. Work on deliverables 3.1 (due month 24) and 4.x.	
1200	End of workshop	





Preliminary participant list and list of instruments

Partner	Name	Instruments to be brought to workshop in Gothenburg
WHOI	Mike Brosnahan	Imaging Flow Cytobot to be demonstrated at Tångesund
CRNS Marseille	Melilotus Thyssen and Gerald Gregori	?
CNRS Wimereux	Felipe Artigas	CytoSense with camera and one laser
CNRS Villefranche	Lars Stemman	Underwater Vision Profiler 5 to be demonstrated at Tångesund?
Ifremer	Alain Lefebvre/Pascal Claquin/Florent Colas	FastCam BBE Fluoroprobe and Chelsea FRRF?
Cefas	Veronique Créach	-
RWS	Machteld Rijkeboer	CytoSense with camera and two lasers and software EasyClus
NIVA	Wenche Eikrem	?
SYKE	Jukka Seppälä	Multi exciter fluorometers and FRRF?
SYKE	NN	FlowCam?
SMHI	Bengt Karlson	-
SMHI	Malin Mohlin	-
VLIZ	Klaas Deneudt	?
DAFF	Grant Pitcher	?
HZG	Wilhelm Petersen	OSCAR PsiCAM multi wavelength absorption detector?
-	A few more persons?	?

