



SIOS workshop on Marine Infrastructure in Svalbard

19th November 2020

TIME	TITLE	ADDITIONAL INFO
08:45	Introduction by SIOS	Opportunities for marine scientists in SIOS, presented by Inger Jennings, SIOS Knowledge Centre.
09:00	Keynote 1: Physical oceanography, by Arild Sundfjord, Norwegian Polar Institute and Frank Nilsen, University Centre in Svalbard	
09:20	Keynote 2: Ocean acidification and its consequences in Svalbard, by Jean-Pierre Gattuso, Laboratoire d'Océanographie de Villefranche, CNRS, Sorbonne University and Iddri.	The Arctic ocean is subject to high rates of ocean warming and acidification, which have critical implications for marine organisms, ecosystems, and ecosystem services. Yet, only few measurements of the carbonate system have been performed in the Arctic and they are spotty both in space and in time. Svalbard has arguably become the Arctic location that is best studied. I will briefly review published studies and look at how monitoring efforts could be improved.
09:40	Keynote 3: Marine ecology, by Janne Søreide, University Centre in Svalbard	

Take Your Break

Marine Systems in Svalbard (short presentations)

10:10	Monitoring Arctic Ocean Inflow north of Svalbard <i>Arild Sundfjord, Norwegian Polar Institute</i>	Co-authors: Renner, A.H.H. & Reigstad, M.
10:20	Isfjorden Smart Buoy <i>Frank Nilsen, University Centre in Svalbard</i>	
10:30	Long-term Oceanographic Monitoring in Hornsund Region <i>Mateusz Moskalik, Institute of Geophysics Polish Academy of Science</i>	
10:40	The AWIPEV Underwater Observatory time series <i>Philipp Fischer, Alfred Wegener Institute</i>	Co-authors: Gattuso, J-P., Samir, A., Holger, B. & Burkard, B.
10:50	Mooring deploying in key places of Isfjorden <i>Ivan Ryzhov, The Arctic and Antarctic Research Institute</i>	Co-authors: Filchuk, K. & Kusse-Tiuz, N.
11:00	Mooring Dirigibile Italia MDI in Kongsfjorden <i>Leonardo Langone, Institute of Polar Sciences Italian National Research Council</i>	Co-authors: Giordano, P., Miserocchi, S., Giglio, F., Aliani, S., Tesi, T., De Rovere, F., Schroeder, K. & Chiggiato, J.
11:10	Update on mooring time series from Kongsfjorden and Rijpfjorden <i>Finlo Cottier, Scottish Association for Marine Science</i>	Co-authors: Berge, J., Vogedes, D., Dumont, E., Venables, E. & Kopec, T.
11:20	Indian mooring activities in Kongsfjorden	

	<i>Divya David T, National Centre for Polar and Ocean Research</i>	
11:30	Drivers of phytoplankton productivity and composition <i>Willem van de Poll, University of Groningen</i>	Co-author: Fischer, P.
11:40	S1 and ID2: deep moorings South-West of Svalbard <i>Manuel Bensi, National Institute of Oceanography and Applied Geophysics</i>	Co-authors: Kovacevic, V., Langone, L., Ursella, L., Mansutti, P., Miserocchi, S., Giordano, P., Ivaldi, R. & De Marte, M.
11:50	IOPAN activity in Svalbard area <i>Waldemar Walczowski, Institute of Oceanology Polish Academy of Sciences</i>	Co-authors: Beszczynska-Moeller, A. & Strzelewicz, A.
		
12:10	Earth system science and modelling perspective: how to integrate modelling and experimental data	<ol style="list-style-type: none"> 1. Kim Holmén, Norwegian Polar Institute 2. Pedro Duarte, Norwegian Polar Institute
12:30	Discussion and Closing remarks	<p>Why a Svalbard mooring network is important;</p> <p>How to optimize the Svalbard marine network in the context of existing initiatives.</p>
13:00: END OF WORKSHOP		