

## 19<sup>th</sup>ASOF-ISSG Meeting and Workshop



Online 21/22 October 2021

The meeting will be held online using Webex.

All times stated are Central European Summer Time (UTC = CEST -2h, EDT = CEST -6h).

Please register here:

[https://docs.google.com/forms/d/1In3PVe3pKUPhuiJV\\_SMeICRe-57U-tWsjFUhMMgeOs](https://docs.google.com/forms/d/1In3PVe3pKUPhuiJV_SMeICRe-57U-tWsjFUhMMgeOs)

### Thursday, Oct 21, 2021

1400-1415	Michael/Tom	<i>Welcome</i>
1415-1440	Rebecca Woodgate	What's new in Bering Strait
1440-1505	Birgit Rogalla	A Mn ocean model of the Canadian Arctic Archipelago and the Canada Basin
1505-1530	Qiang Wang	Circulation Pathways and Exports of Arctic River Runoff Influenced by Atmospheric Circulation Regimes
1530-1555	Alexandra Jahn	Forced Changes in the Arctic Freshwater Budget Emerge in the Early 21st Century
1555-1620	Isabela Le Bras	Revisiting the Arctic freshwater budget from 2004 to 2010
1620-1635	<i>Coffee Break</i>	
1635-1700	Wilken-Jon von Appen	Review on Mesoscale Variability in the Arctic Ocean
1700-1725	Paul Myers	Reversal of Transport at Davis and Nares Strait in Winter 2010-2011
1725-1750	Hiroshi Sumata	A new record minimum of sea ice thickness and ice export in Fram Strait caused by an anomalous atmospheric circulation
1750-1815	Stefanie Semper	Evolution and transformation of the North Icelandic Irminger Current along the north Iceland shelf
1815-1850	Violaine Pellichero	Structure and variability of the edge current of the Greenland Sea gyre from mooring measurements

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### Friday, Oct 22, 2021

1400-1425	Ailin Dale Brakstad	Formation and pathways of dense water in the Nordic Seas from a steady-state inversion
1425-1450	Dagmar Kieke	Inference of Submarine Meltwater in the Fjord Systems and in the Boundary Current System around Greenland in 2015-2019
1450-1515	Oliver Huhn	Submarine and Surface Meltwater from Nioghalvfjærdsbræ (79 North Glacier), Northeast Greenland
1515-1540	Jie Huang	Sources and upstream pathways of the densest overflow water in the Nordic Seas
1540-1605	Peigen Lin	Kinematic Structure and Dynamics of the Denmark Strait Overflow from Ship-based Observations
1605-1620	<i>Coffee Break</i>	
1620-1645	Ruijian Gou	The anti-correlation in the variabilities between West Greenland Coastal Current and West Greenland Current
1645-1710	Kevin Wiegand	Prominent time scales of Irminger Water variability within the West Greenland Current between 1993 and 2020
1710-1735	Astrid Pacini	Eddy variability in the West Greenland Current and its impact on the Labrador Sea
1735-1800	tbd	Why the North Atlantic current is flowing strong – a summary based on the EASAC Report
1800-1825	Marilena Oltmanns	Freshwater-driven feedbacks between Arctic and North Atlantic climate variability
1825-1850	Qi Shu	Ocean-ice-atmosphere interaction during the Arctic Atlantification