

INAUGURATION OF CENTER FOR ICE-FREE ARCTIC RESEARCH

- A DANISH NATIONAL RESEARCH FOUNDATION CENTER OF EXCELLENCE



TIME: 4 JUNE 2025 @ 13:00 – 16:00

VENUE: Aarhus Institute of Advanced Studies

Building 1630, Høegh-Guldbergs Gade 6B, 8000 Aarhus

The most characteristic feature of the Arctic is ice, but summers with no sea ice may be expected in most of the Arctic Ocean within a decade. The ocean is also rapidly freshening due to melting of sea ice and glaciers, increased precipitation and run-off from the land. This is certain to cause major changes in marine ecosystems and massively alter global climate, sea level, and ocean circulation. Yet, we have severe deficits in our understanding of freshening that limit our ability to comprehend and predict rapid climate changes.

CIFAR seeks to uncover the intricate relationship between ice melting and formation across geographical scales and time, exploring their impact on the ocean's physical and chemical properties, marine ecosystems, and regional currents. By integrating cutting-edge infrastructure, field data, satellite observations, and modeling, CIFAR seeks to deliver a comprehensive understanding of how freshwater input, ice loss, and biogeochemical shifts are transforming the coastal Arctic Ocean.

Please join us on **4 June** to learn more about CIFAR, and how CIFAR aims to investigate the consequences of melting ice and increased freshwater influx in the Arctic.

Kind regards,
Center Director Søren Rysgaard

Program:

13:00	Doors open
13:30	Welcome Director Niels Mejlgaard - Danish National Research Foundation
13:35	Speech Dean Birgit Schiøtt – Faculty of Natural Sciences
13:40	Speech Head of Department Jesper Givskov Sørensen – Department of Biology
13:45	Talk: Working together in a changing Arctic Dr. Eddy Carmack, O.C - DFO (emeritus)
14:00	Talk: Short presentation of CIFAR Center Director Søren Rysgaard – Center for Ice-Free Arctic Research (CIFAR)
14:10	Talk: Science and education collaboration with Greenland Director GINR – Josephine Nymand
14:20	Reception in the Hall

Please register using this link: events.au.dk/inaugurationofcifar no later than 21 May.