



Warm and salty water flows up along the west coast of Greenland. Fresh water is added from the melting glacial ice from Greenland and Canada. Water from the northern strait is added and finally cold and fresh water flows down the eastern coast of Canada. The water, the sea ice and the grounded icebergs are all important for the formation of the Sarvarjuaq known to southerners as the North Open Water polynya.

Together with you we would like to build an observing system using all possible tools:

- Depth sounders on boats and ships
- Sea ice monitoring
- Moorings observing water and sounds from whales
- Satellite information
- Understanding ice melt
- More weather stations
- And much more

We would love to hear from you about any changes you are seeing, or any questions and concerns for monitoring these changes.



**University
of Manitoba**

Centre for Earth
Observation Science

Contact Us:

Dorthe.Dahl-Jensen@umanitoba.ca
Lauren.Candlish@umanitoba.ca
Elizabeth.Worden@umanitoba.ca

umanitoba.ca/ceos

