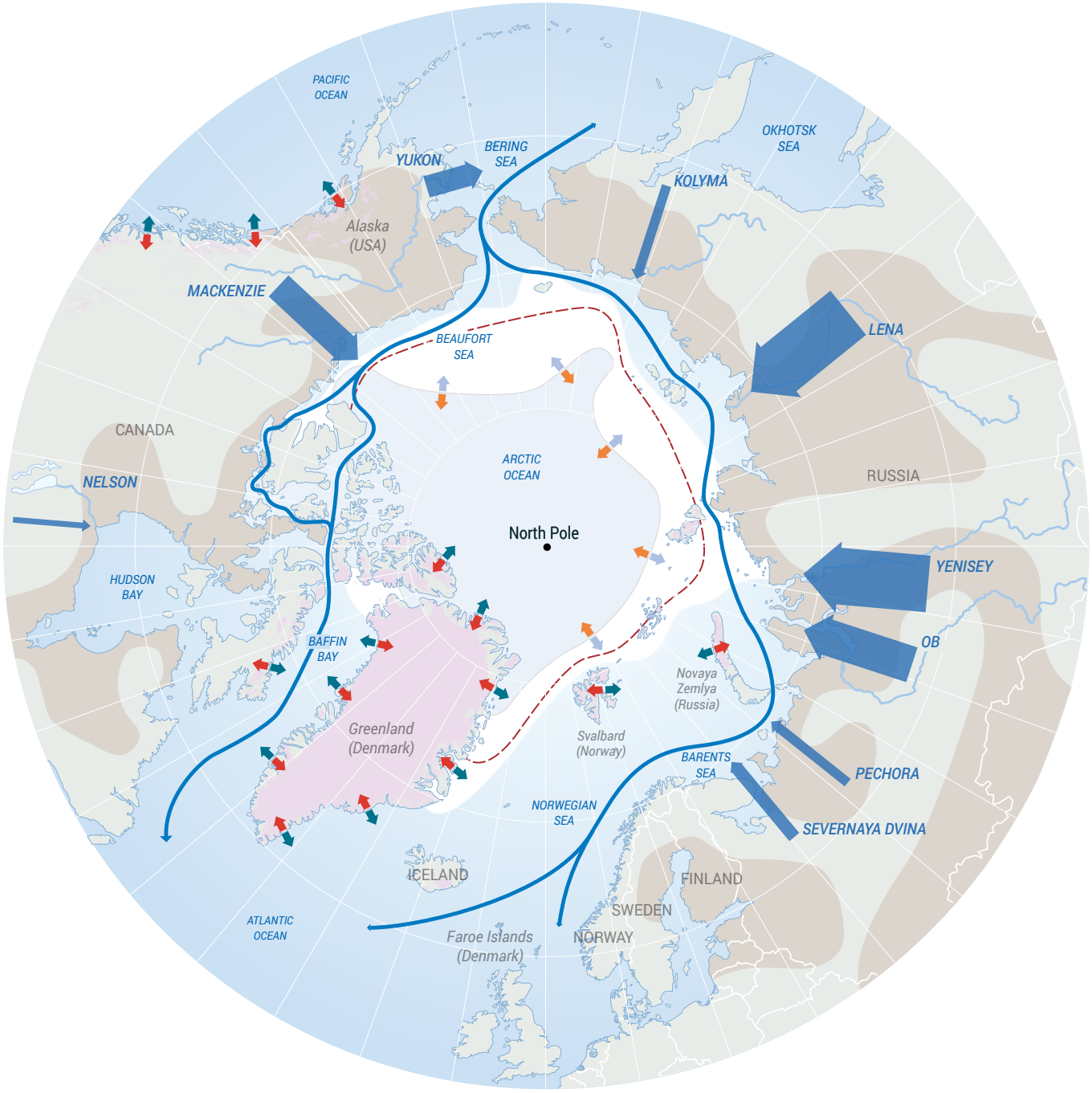
The melting cryosphere



Changes in sea ice extent

- Median ice edge in autumn for the period 1981-2010
- Sea ice extent in September 2018
- Sea ice extent in September 1981
- Retreat of sea ice
- Freshwater input

Changes in snow cover

- Area where seasonal snow cover was 2–3 weeks shorter in the period 2005–2015 compared to 1980–1990

Changes in glacier extent

- Main glaciers and Greenland ice sheet
- Retreat of glaciers
- Freshwater input

Discharge of main rivers at mouth

590 km^3/y 300 km^3/y 120 km^3/y

- Main marine transport routes during summer