

Torskefiskkonferansen

torsdag 19. oktober 2017

Fisk på flyttefot; forventet utvikling i Barentshavet

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Programleder Barentshavet og Polhavet

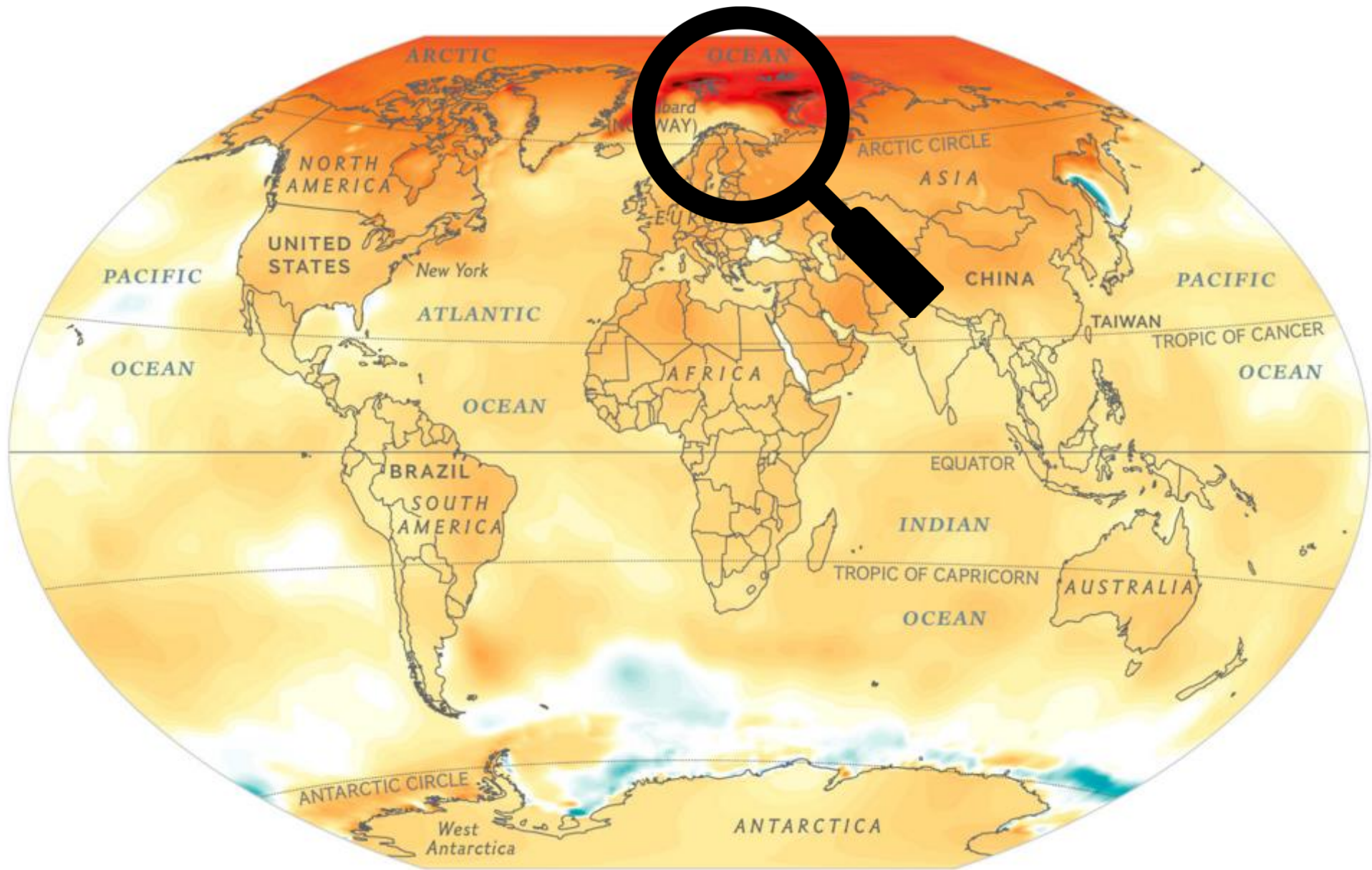


HAVFORSKNINGSINSTITUTTET
INSTITUTE OF MARINE RESEARCH

Oversikt

- Klima generelt: temperatur, is og vannmasser i Barentshavet
- Fisk på flyttefot
 - Fiskesamfunn
 - Torsk
- Kvoter 2018 og utvikling videre





NG STAFF. SOURCES: STEVEN MOSHER AND ROBERT ROHDE, BERKELEY EARTH.



Våre farvann varmes mest

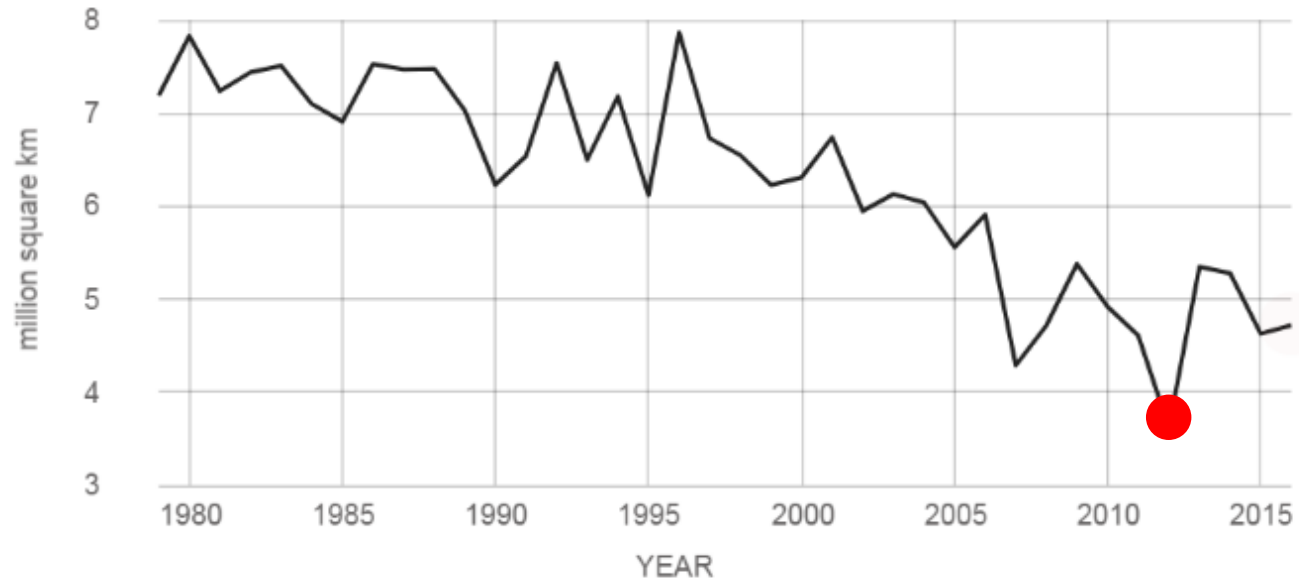


AVERAGE SEPTEMBER EXTENT

Data source: Satellite observations. Credit: [NSIDC/NASA](#)

RATE OF CHANGE

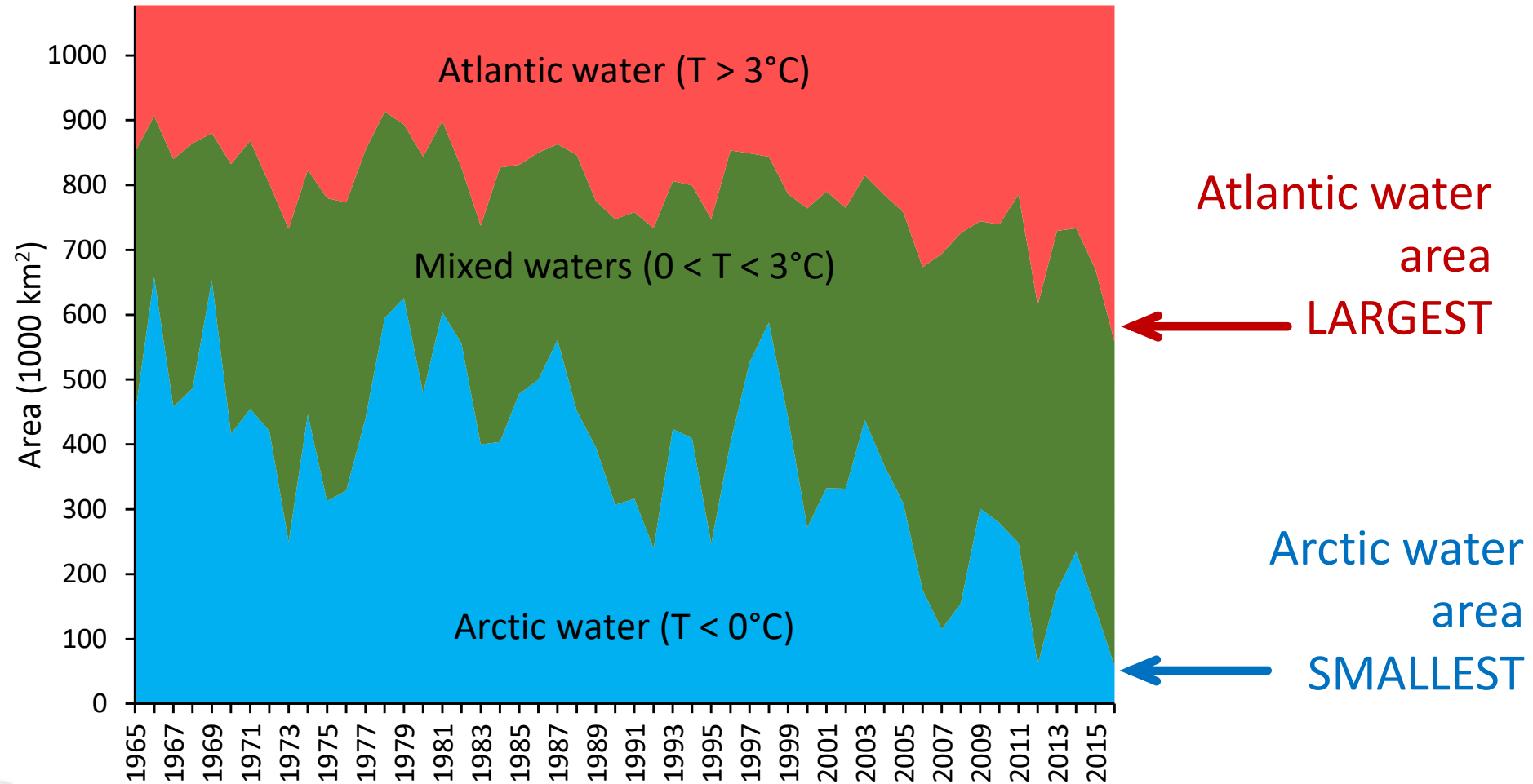
↓ **13.3**
percent per decade



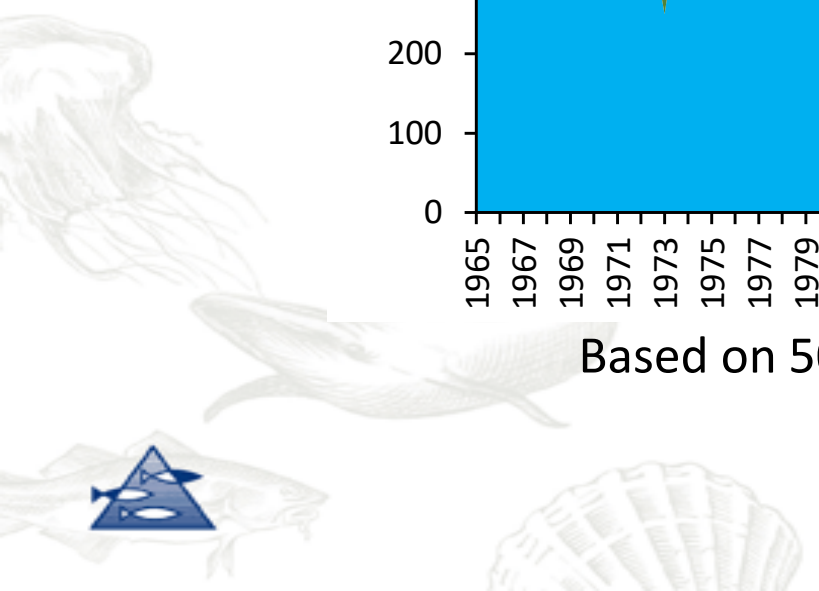
Sjøis



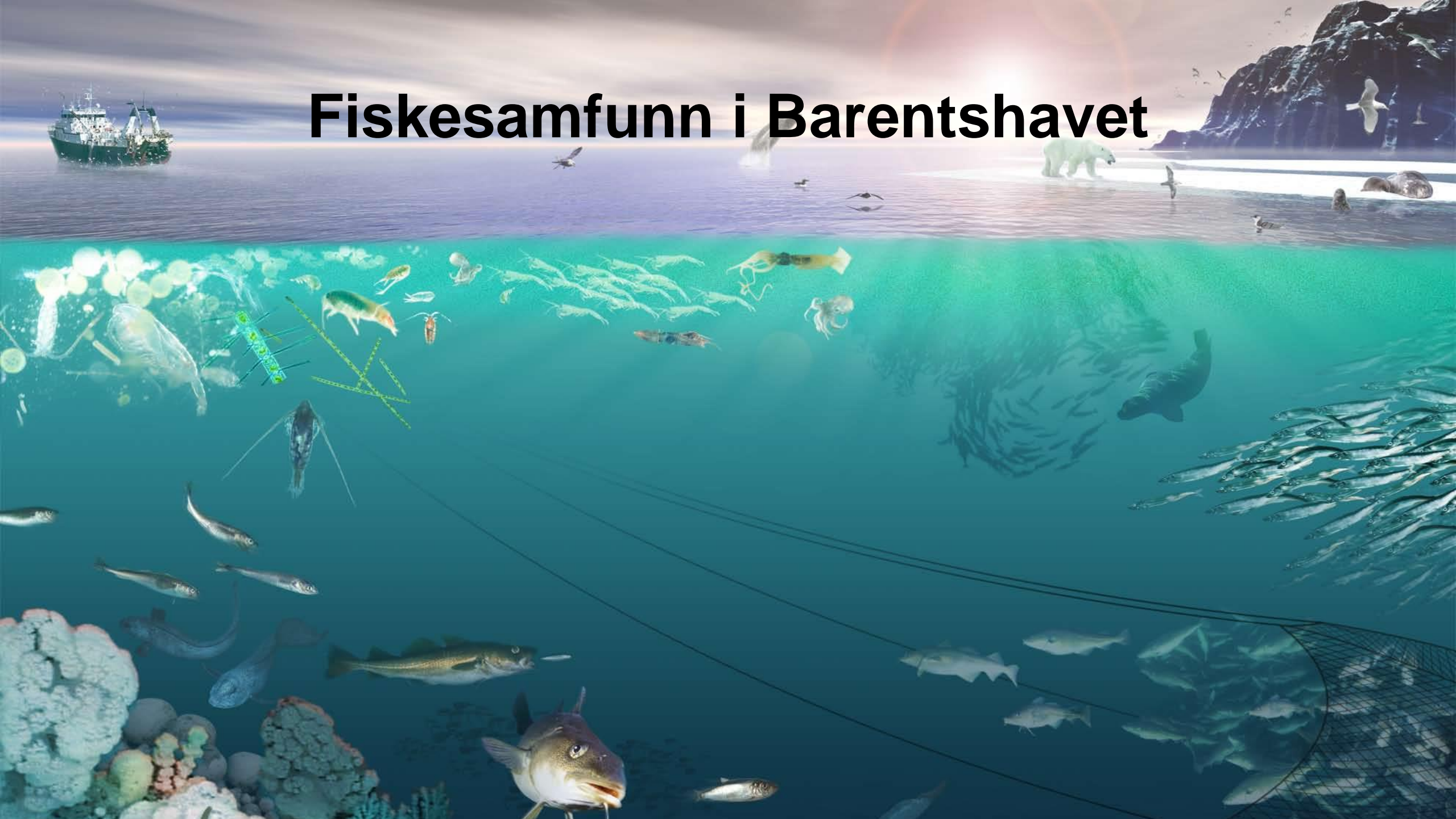
Vannmasser



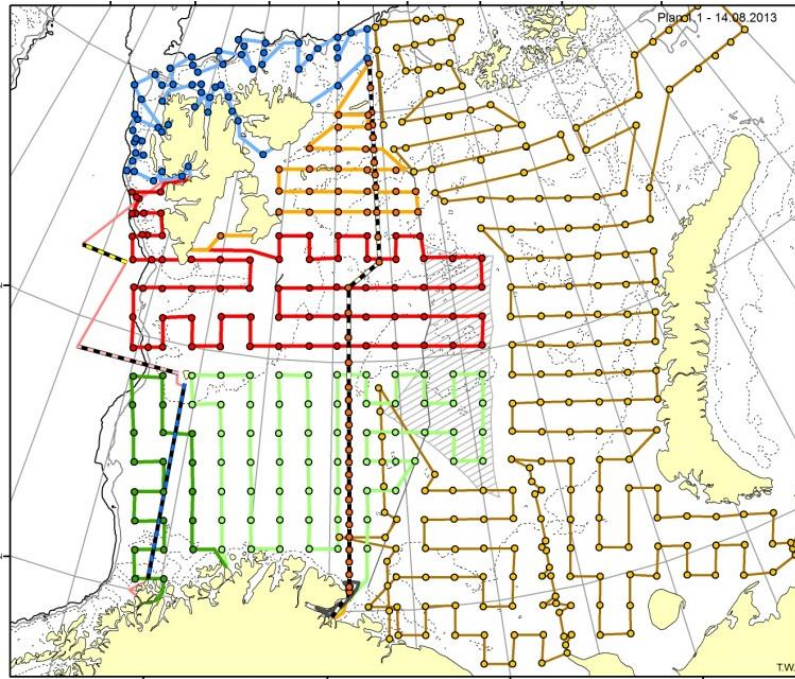
Based on 50–200 m averaged temperature



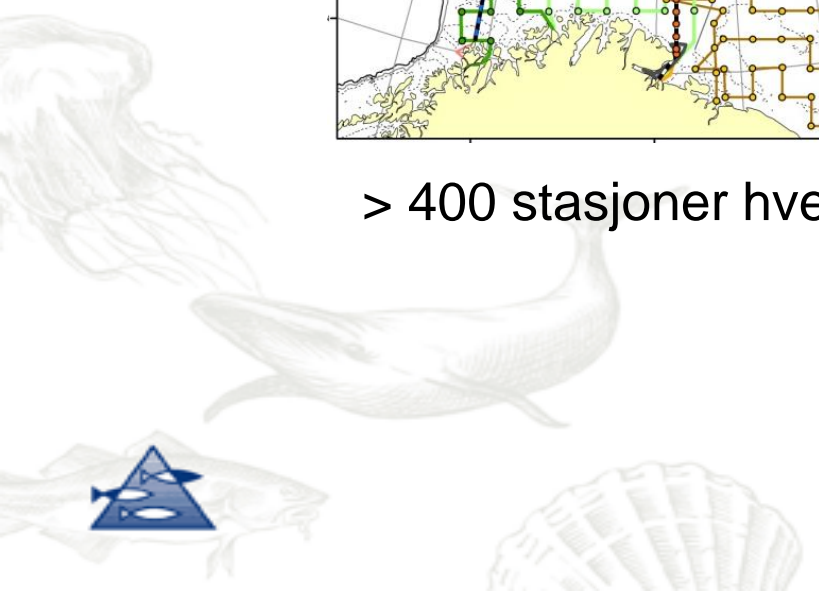
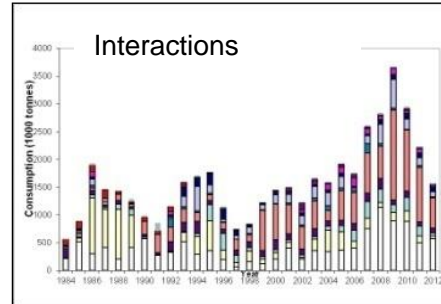
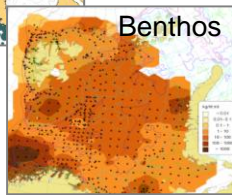
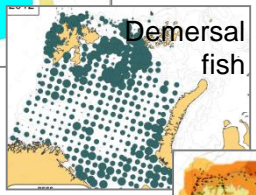
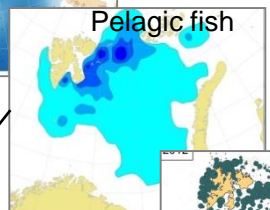
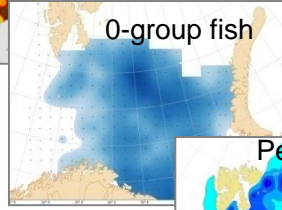
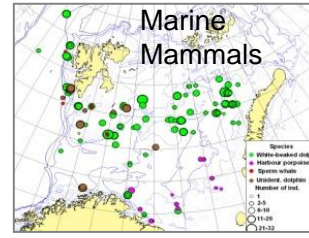
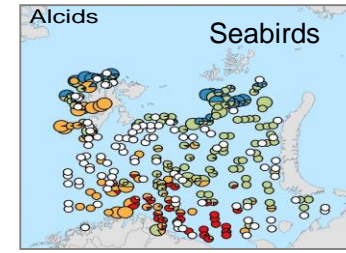
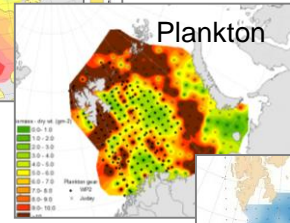
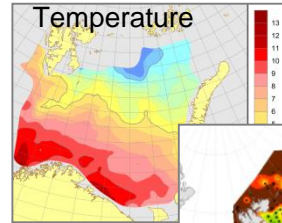
Fiskesamfunn i Barentshavet



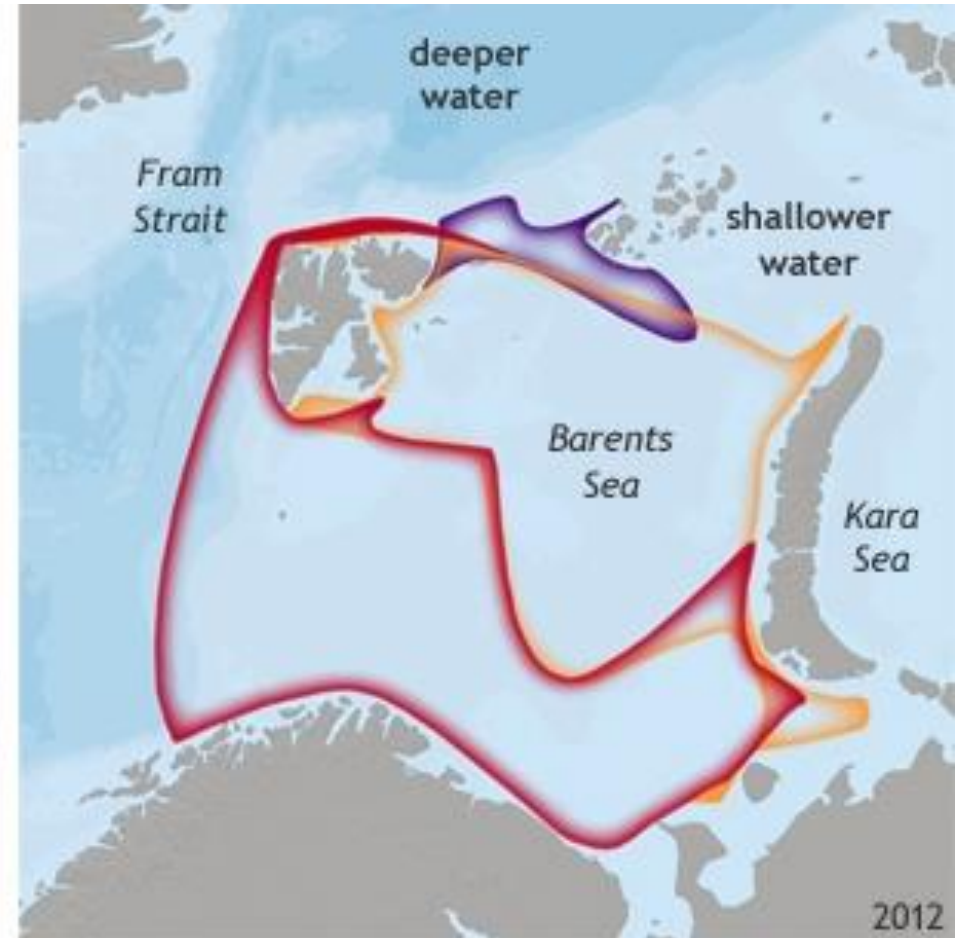
Økosystemtøktet



> 400 stasjoner hvert år



Fiskesamfunn i Barentshavet



Climate.gov

Fiskesamfunn i Barentshavet

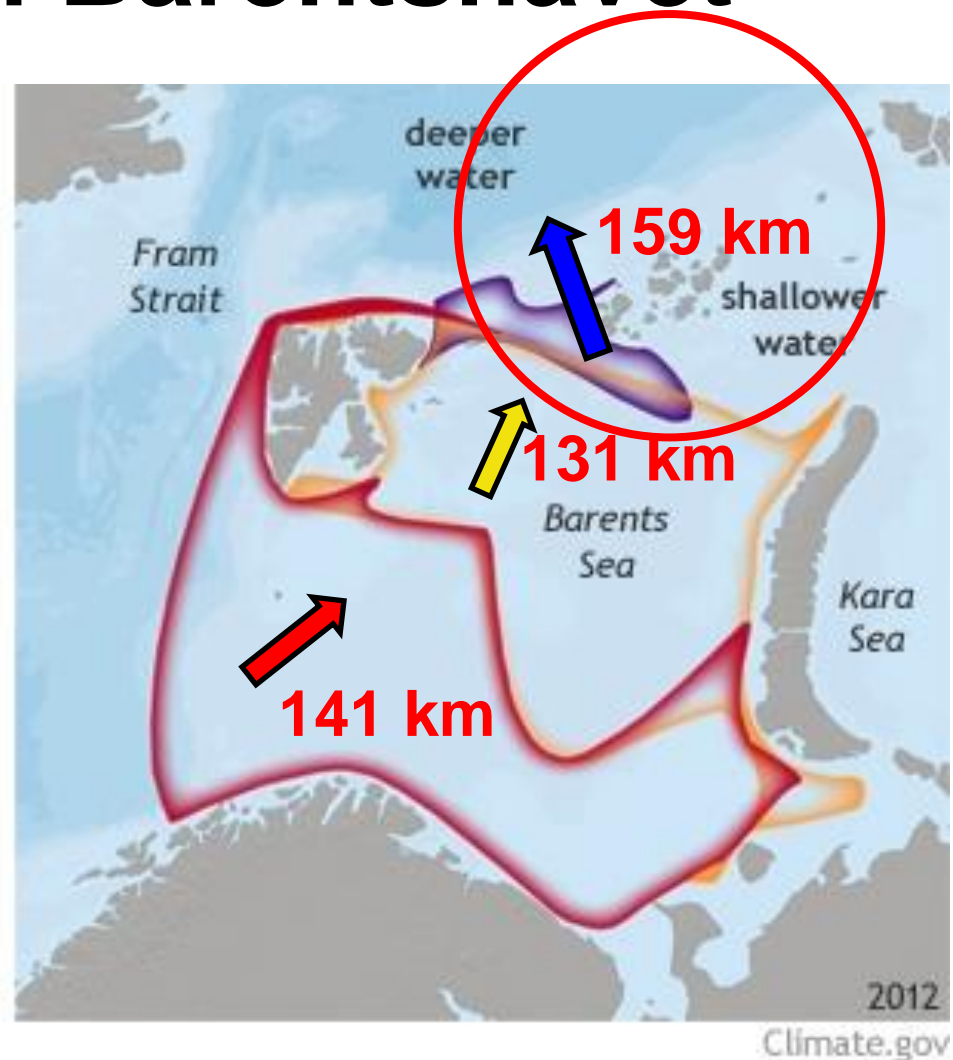


Climate.gov

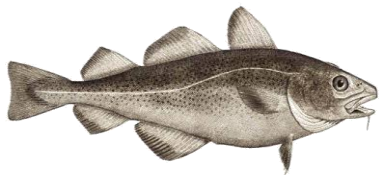
Fiskesamfunn i Barentshavet

På verdensbasis er det forventet at marin fisk i gjennomsnitt vil forflytte seg ca 40 km per tiår

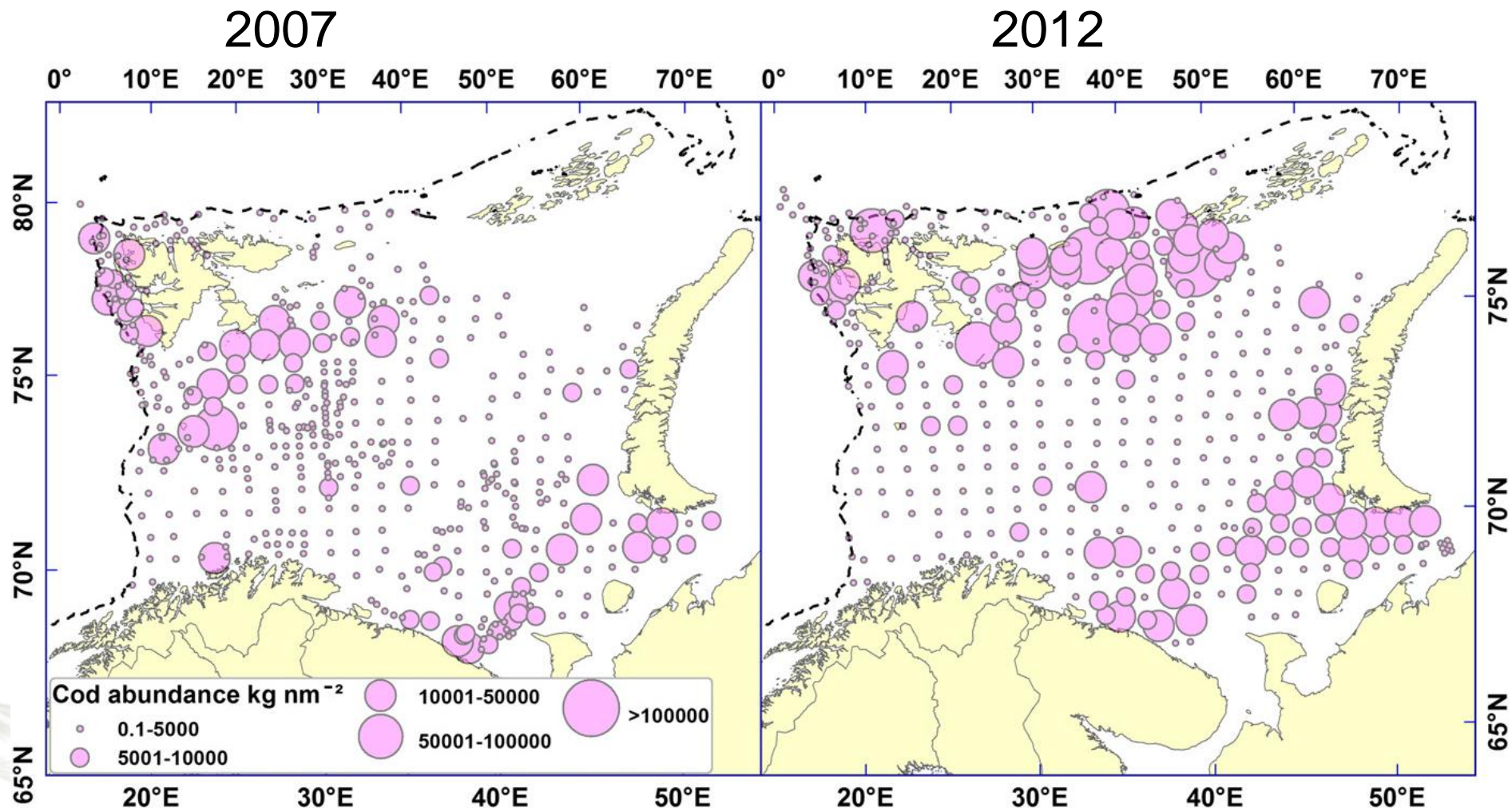
Våre observasjoner er fire ganger raskere







Torsk mot nord



Norway

Cod almighty: the secret of Norway's monster fish bonanza

Climate change and human restraint appear to be behind the spectacular catches drawing anglers to the far north islands



This article is 1 year old

1,223 287

David Crouch in Gothenburg

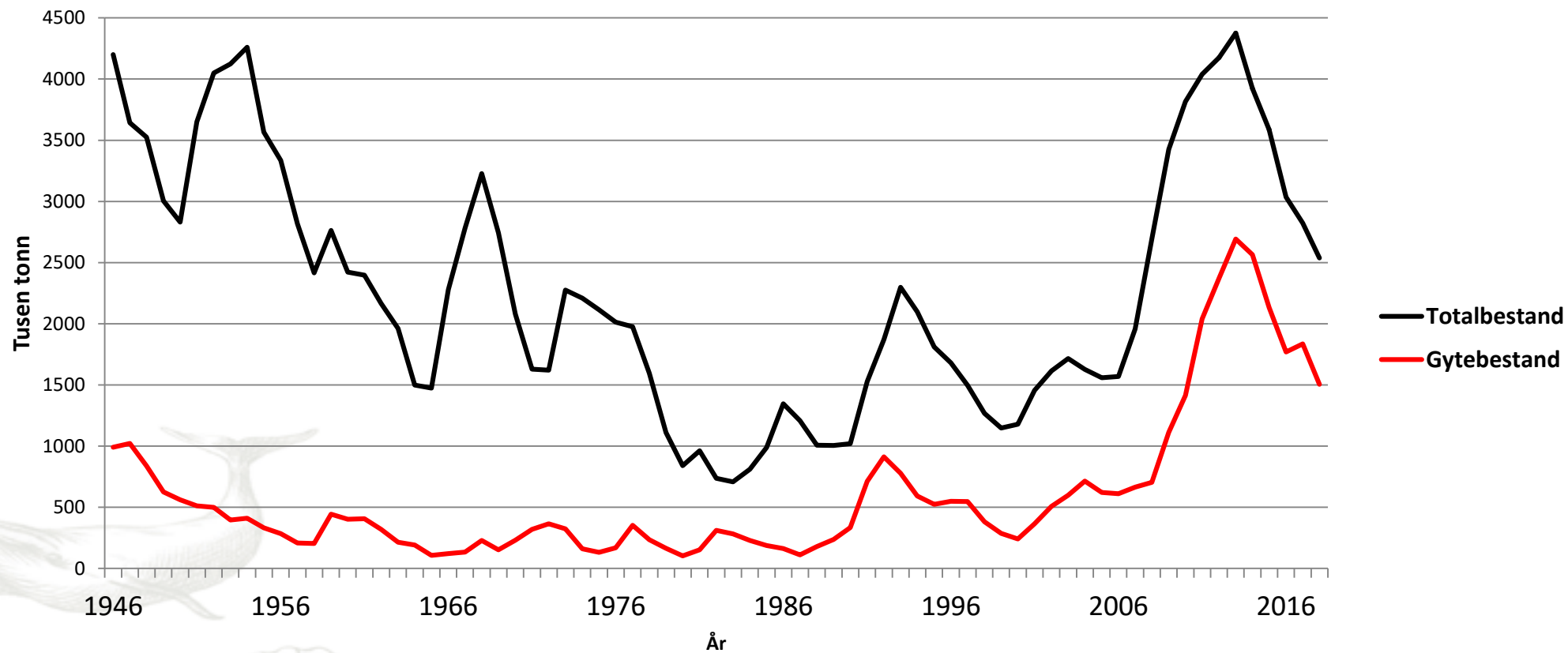
Monday 25 April 2016 14.37 BST



The catch of monster cod has exploded in the last five years. Photograph: Waldemar Krause/Innovation Norway

Torsk

Bestandsutvikling torsk



Torsk

- Norsk kvote 2018: 350.159 tonn, inkludert 21.000 tonn kysttorsk og 7.000 tonn forskningsfangst
- Totalkvote 2018: 775.000 tonn
- Det ser ut som kvoten vil stabilisere seg rundt 600.000 tonn i årene framover, og at bestanden vil stabilisere seg rundt 2 mill tonn.



Hyse

- Norsk kvote 2018: 99.230 tonn
- Totalkvote: 202.305 tonn
- Utsikter framover: Nedgang i gytebestanden i årene som kommer, men den vil fortsatt være høy. Mulig oppsving i kvoten fom 2020.



Sei

- Kvote 2018: 172.500 tonn
- Det ser ut som kvoten vil stabilisere seg på dette nivået i årene framover.



Andre kvoter

- Lodde 2018: 205.000 tonn
- Blåkveite 2018: 27.000 tonn
- Snabelluer 2018: 32.658 tonn





Takk for meg 😊