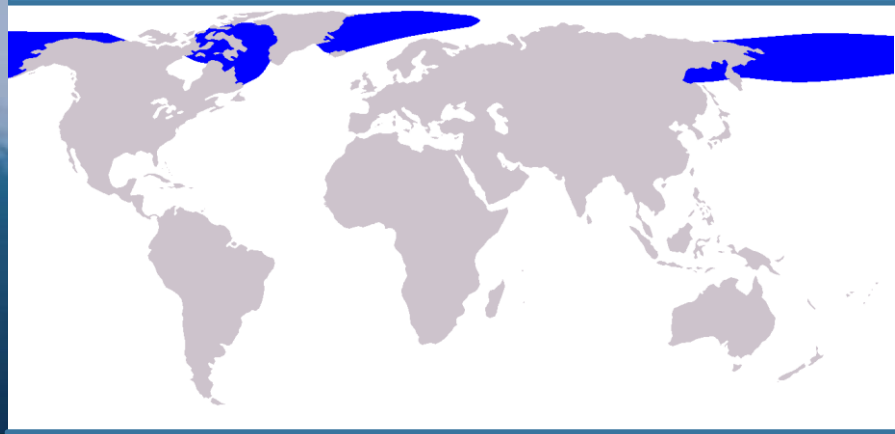
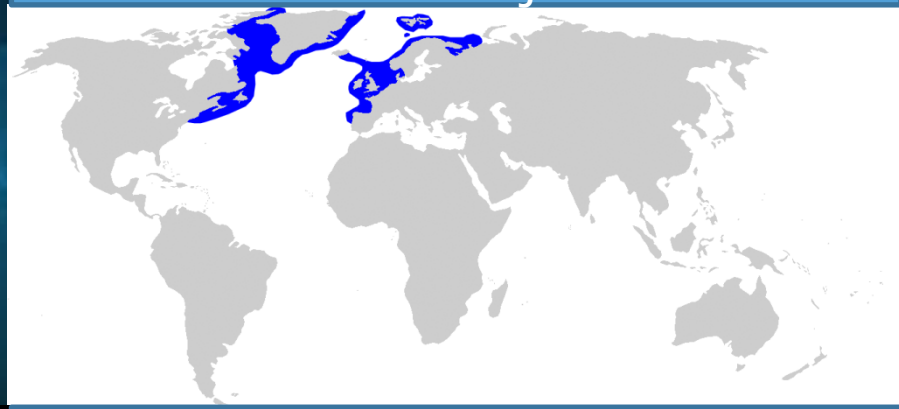
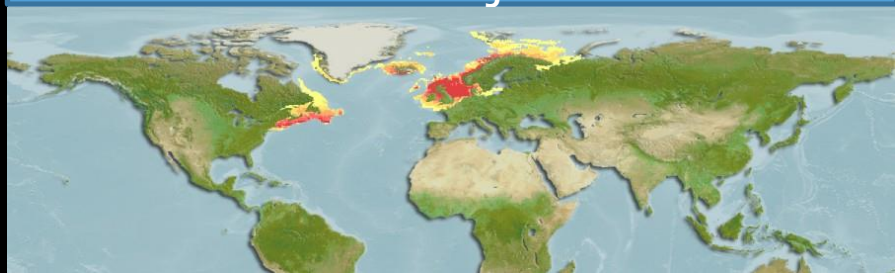
Groenlandse walvis
> 200 jaar



Groenlandse haai
400-500 jaar



Noordkromp
> 500 jaar



Het Arctische Mariene Ecosysteem in het Licht van Visserijbeheer

14 september 2016, Martine van den Heuvel-Greve

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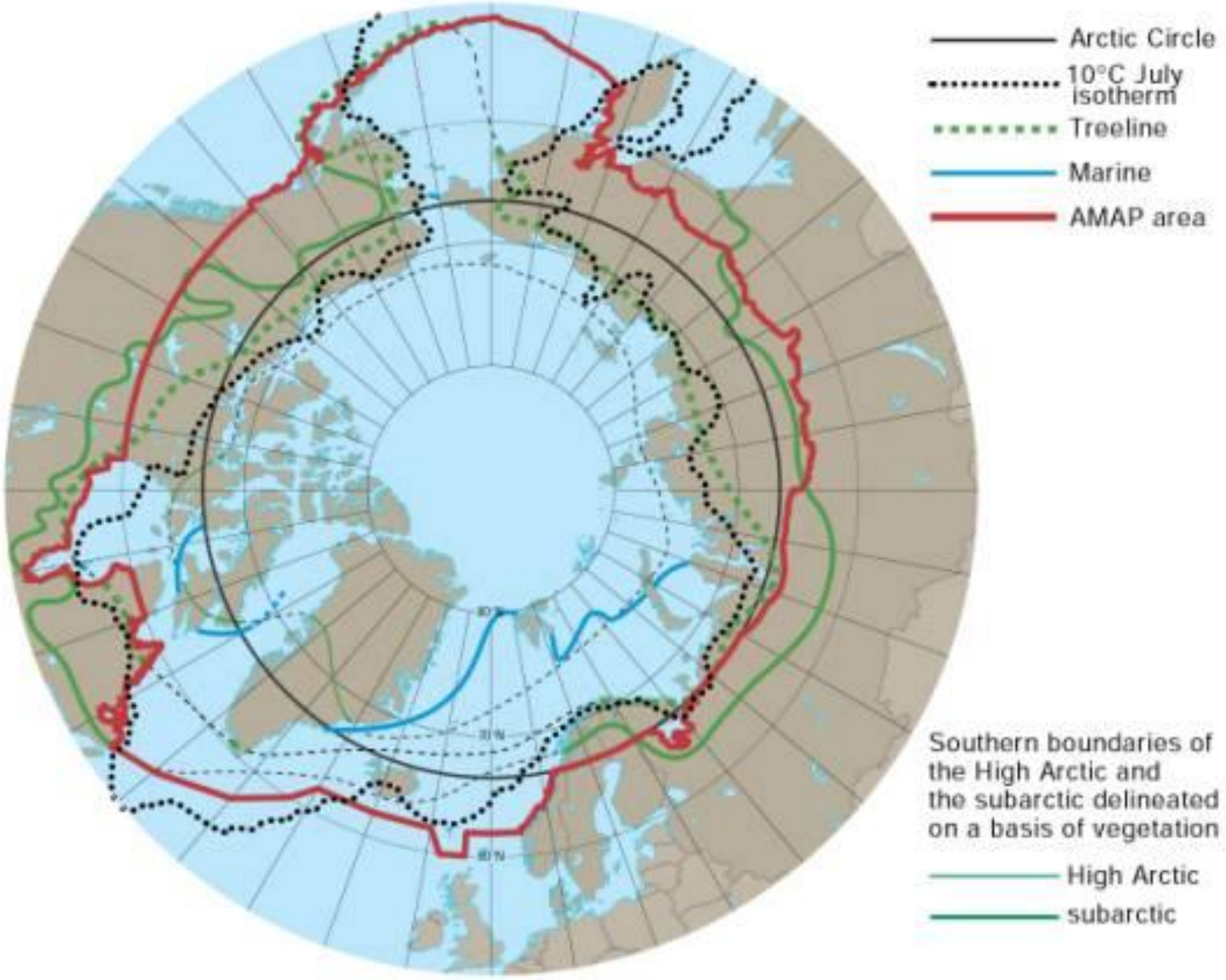
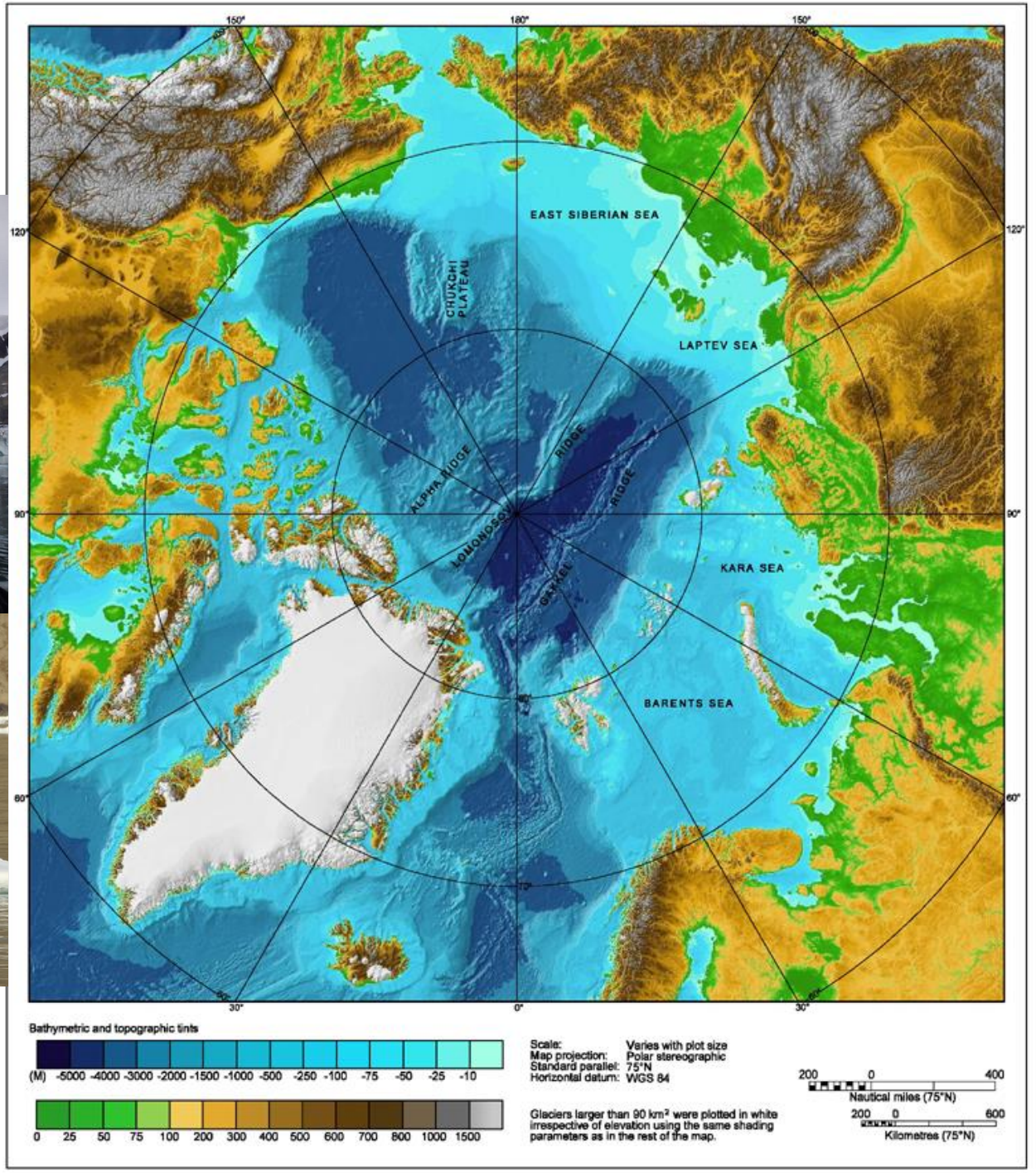

Arctic Circle
10°C July isotherm
Treeline
Marine
AMAP area
Southern boundaries of the High Arctic and the subarctic delineated on a basis of vegetation
High Arctic
subarctic

www.amap.no

Kenmerken



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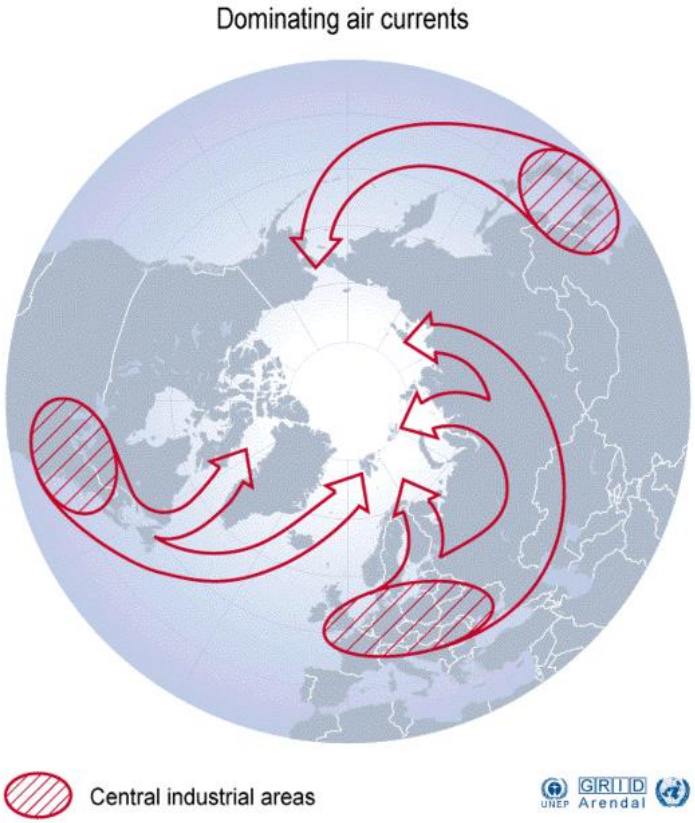
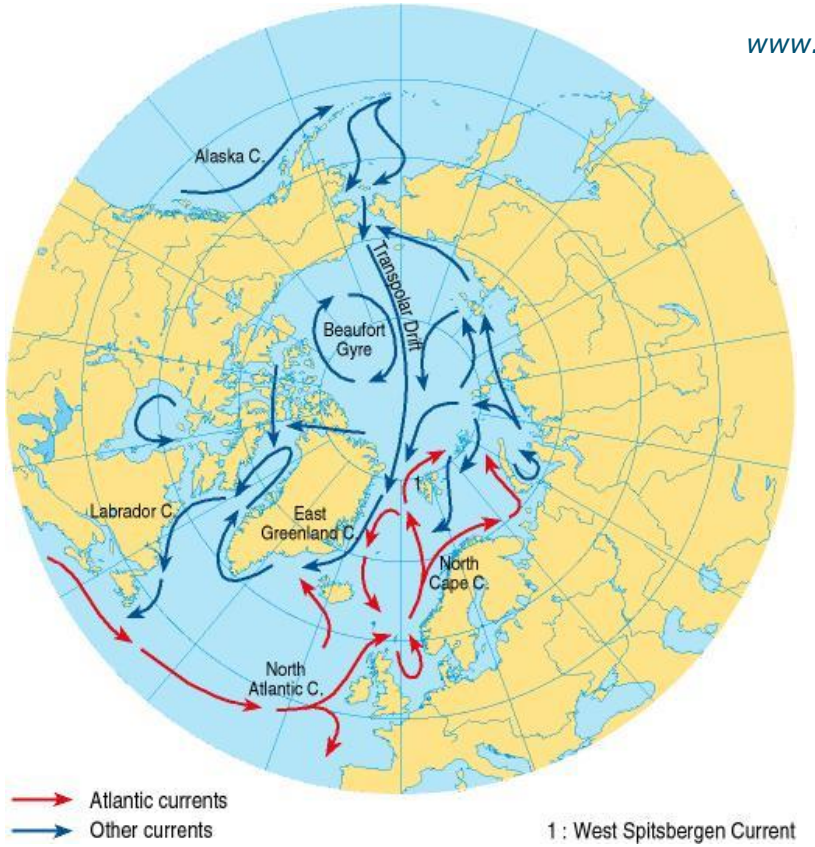
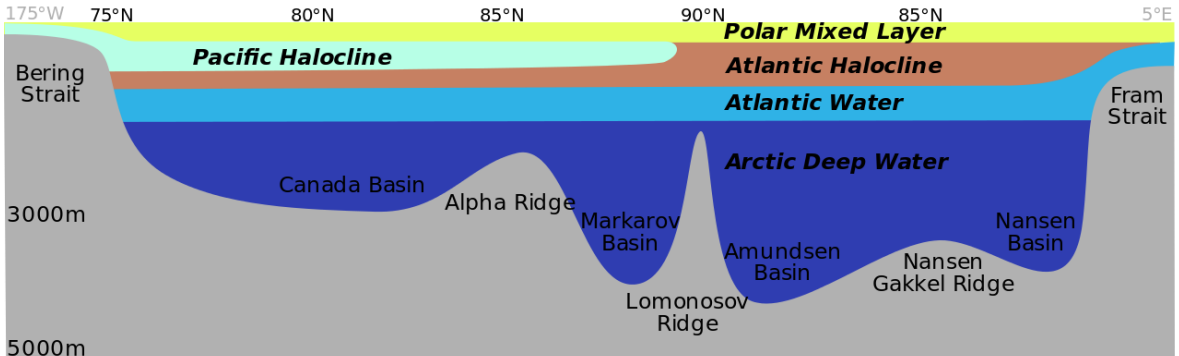
Lucht- en zeestromingen



www.amap.no





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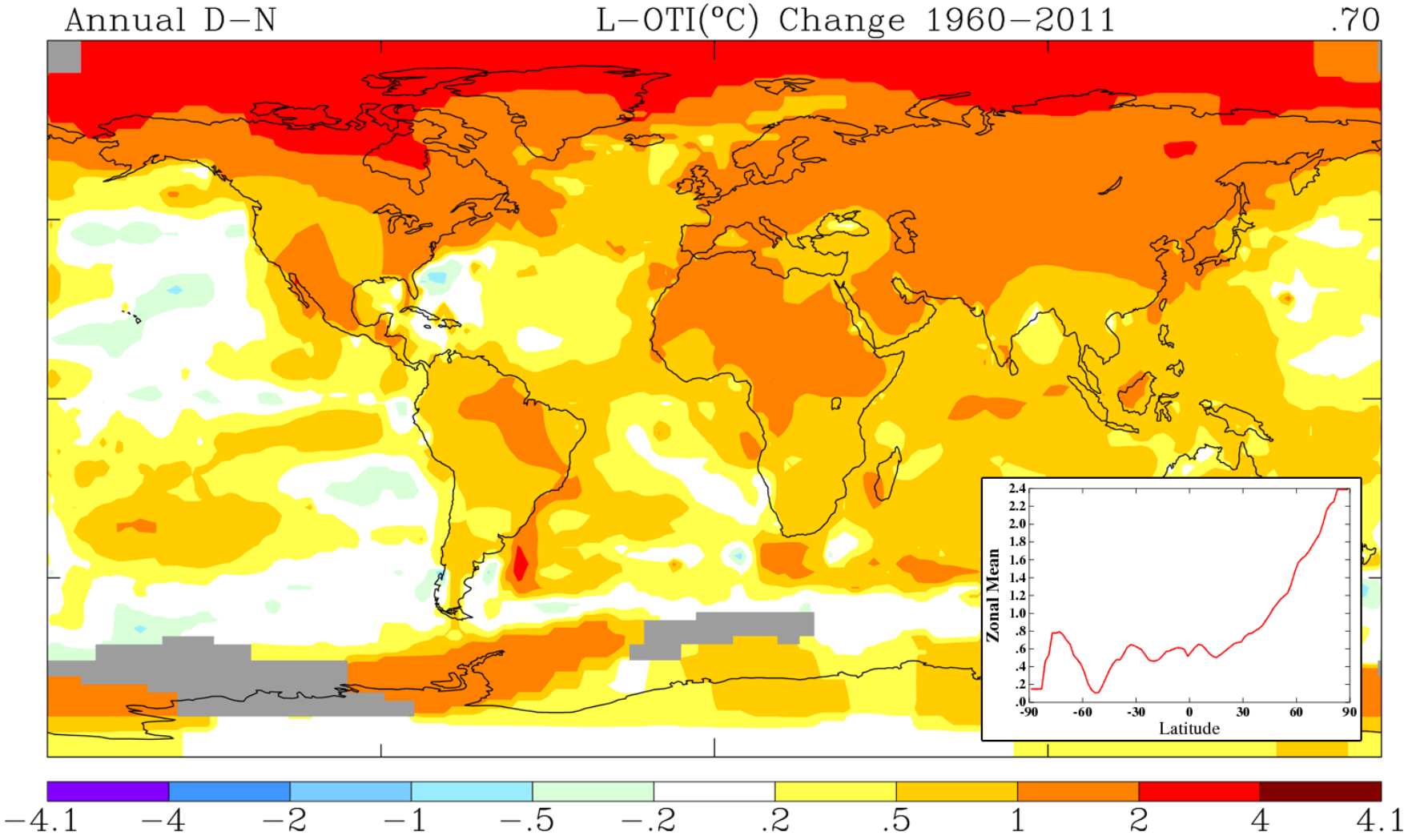
Opwarming van de aarde



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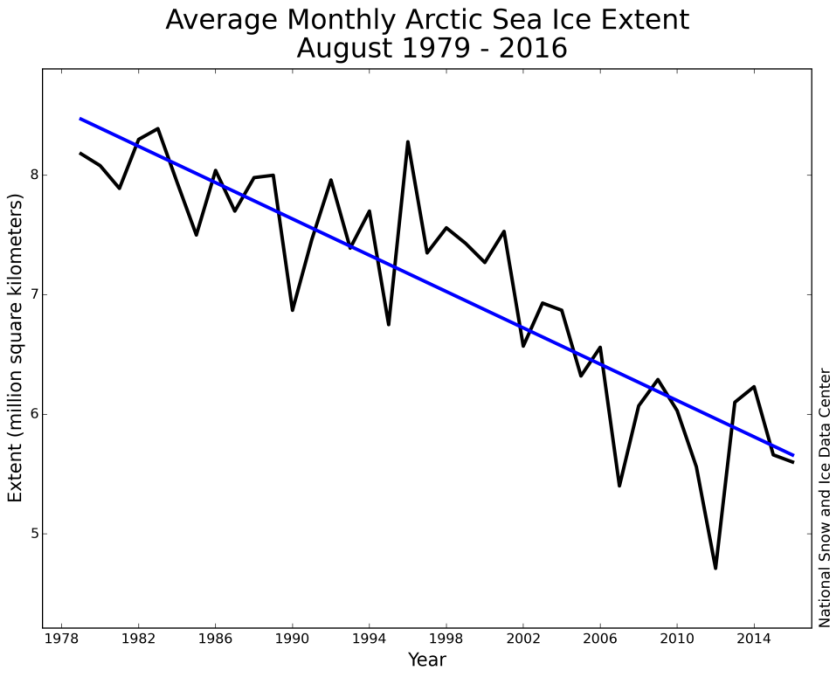
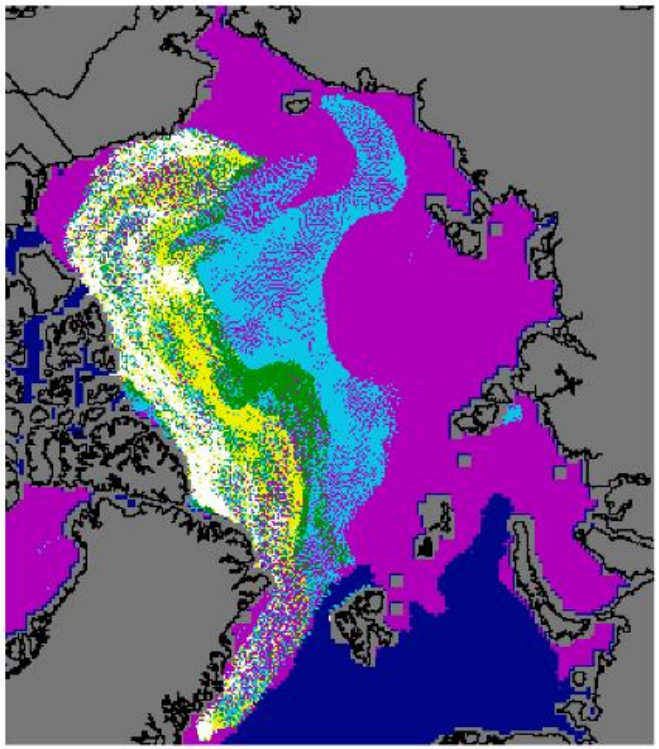
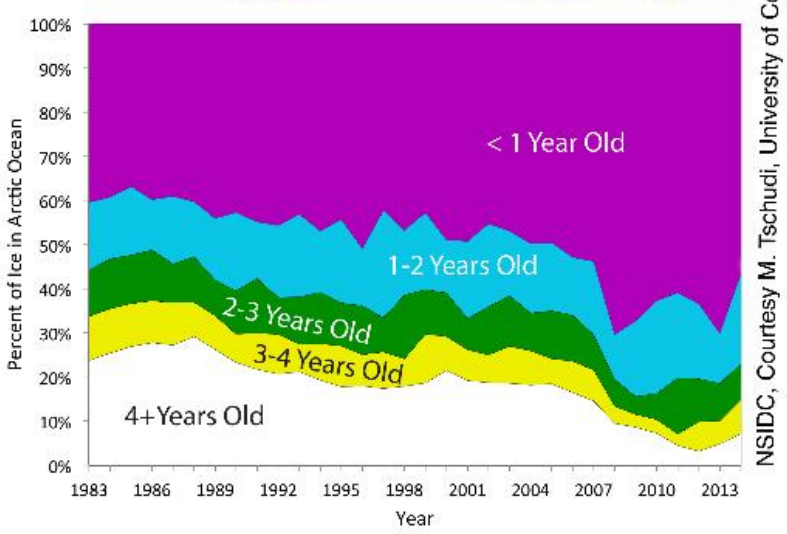
credit: NASA GISS

Afname van zeeijs







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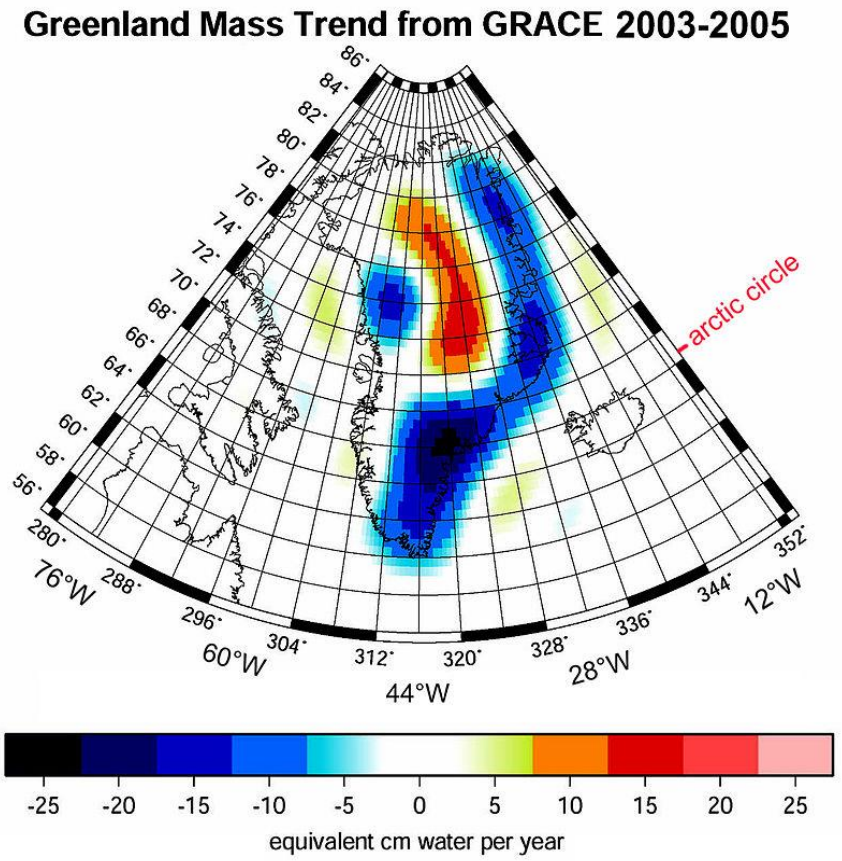
Afname van gletsjerijs



Bron: http://earthobservatory.nasa.gov/Newsroom/NewImages/Images/grace_greenland_mass_trend_lrg.pdf

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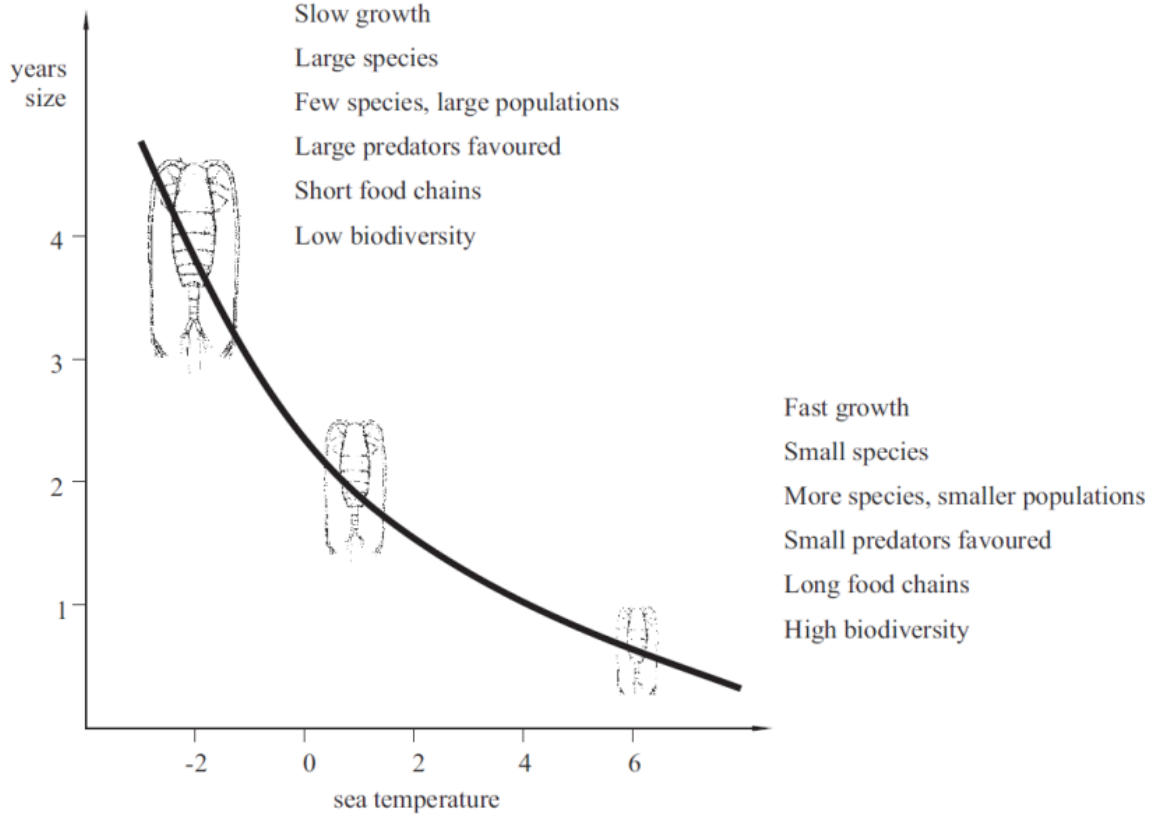
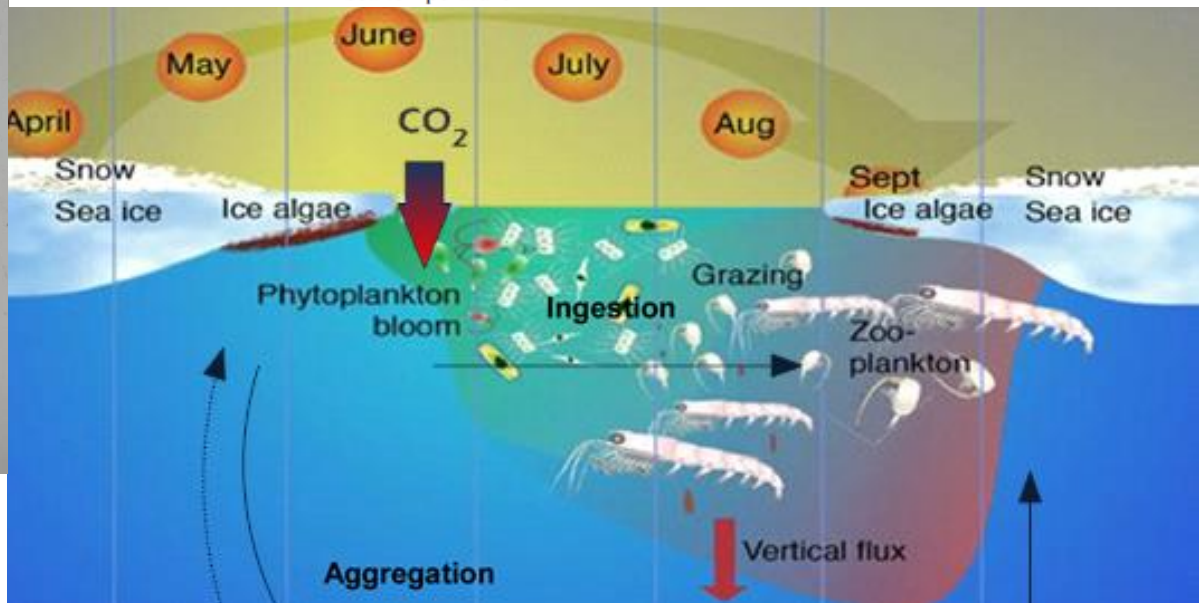
Leven in kou





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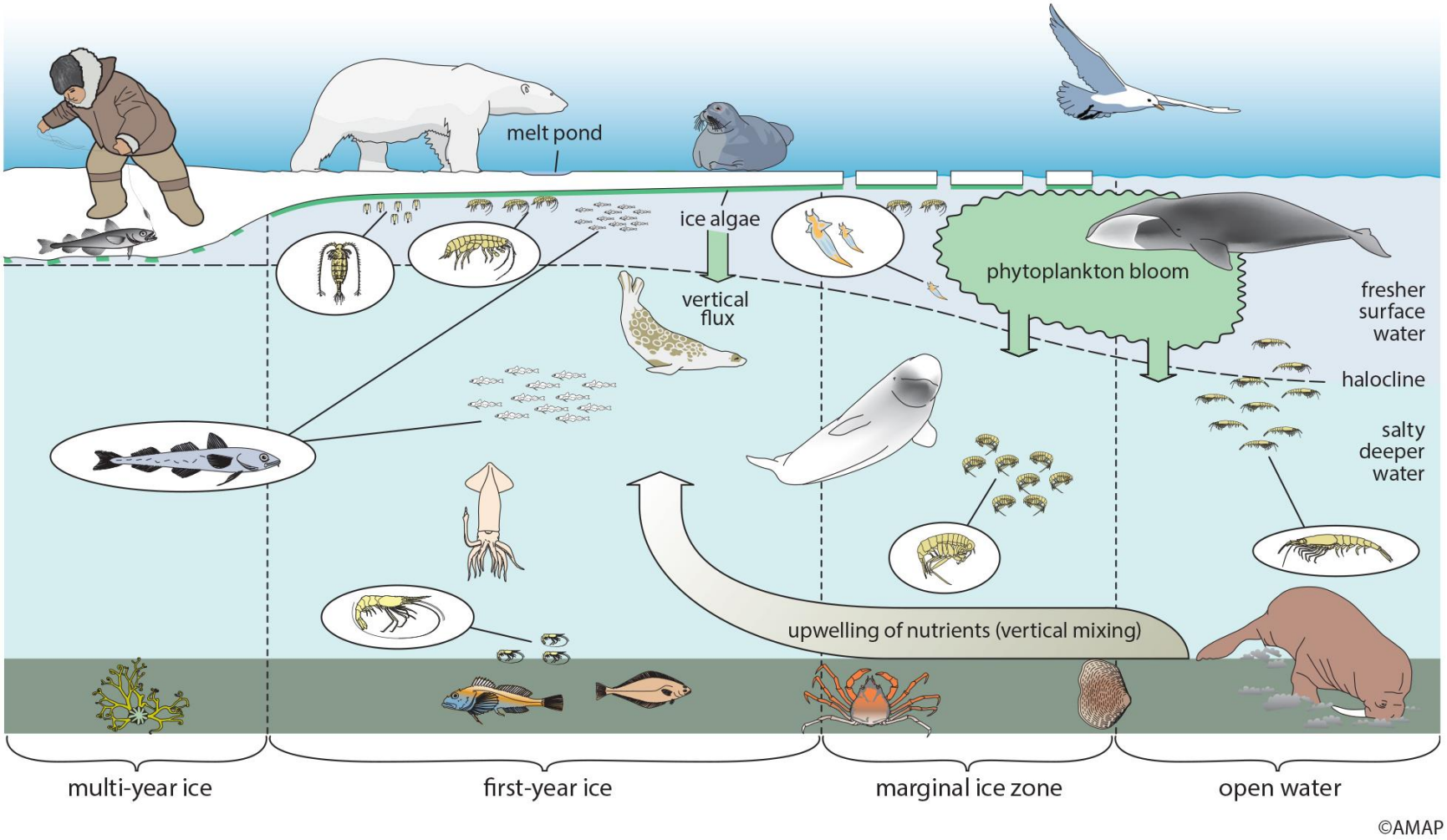
Het mariene voedselweb



Sleutelsoorten

IJsrand:


Apherusa glacialis


Gammarus wilkitzkii


Onisimus glacialis

Open water (pelagisch):


Calanus glacialis


Calanus hyperboreus

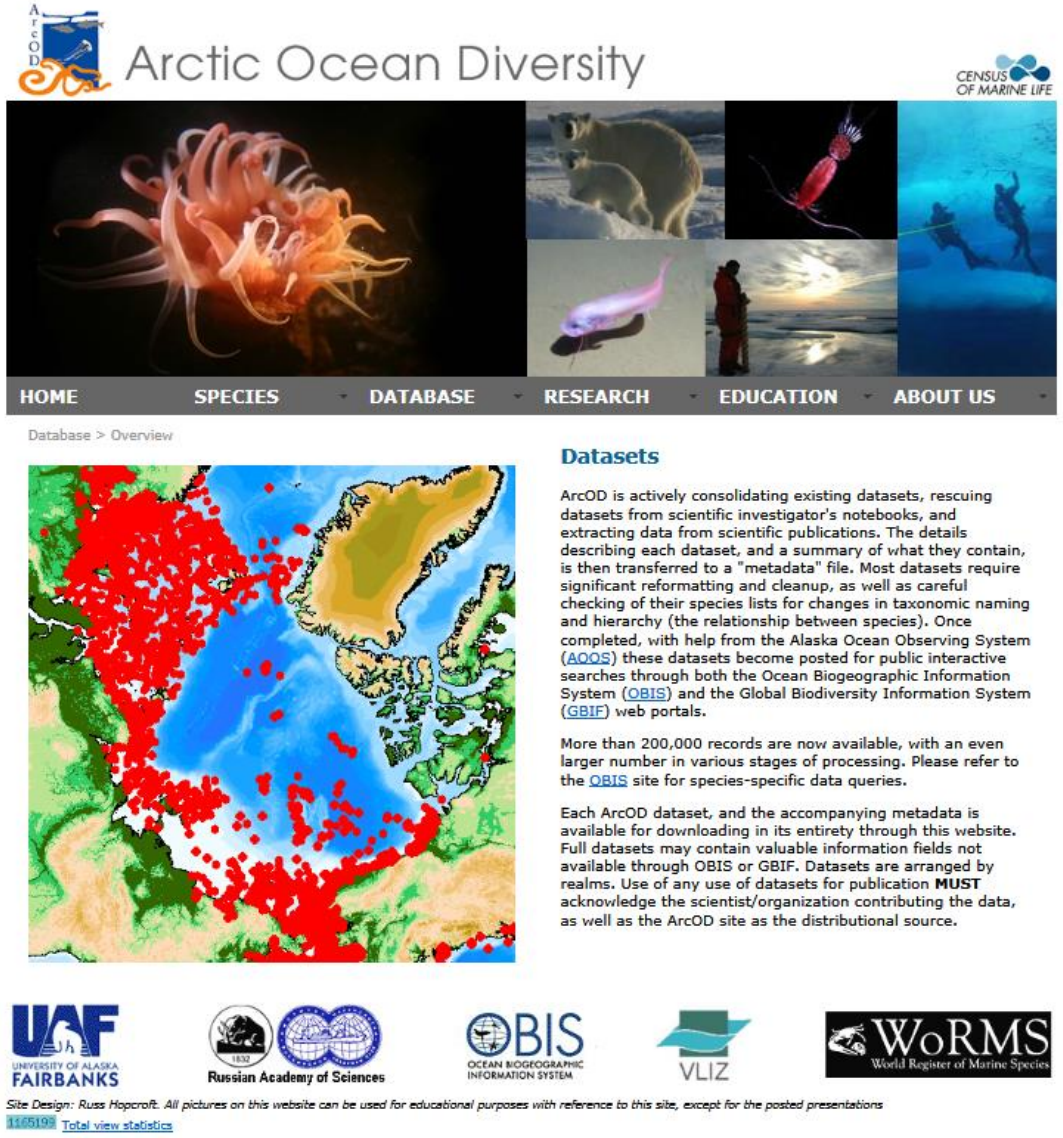

Calanus marshallae

Zeebodem (benthisch):


Astarte borealis


Ennucula tenuis


Hiatella arctica



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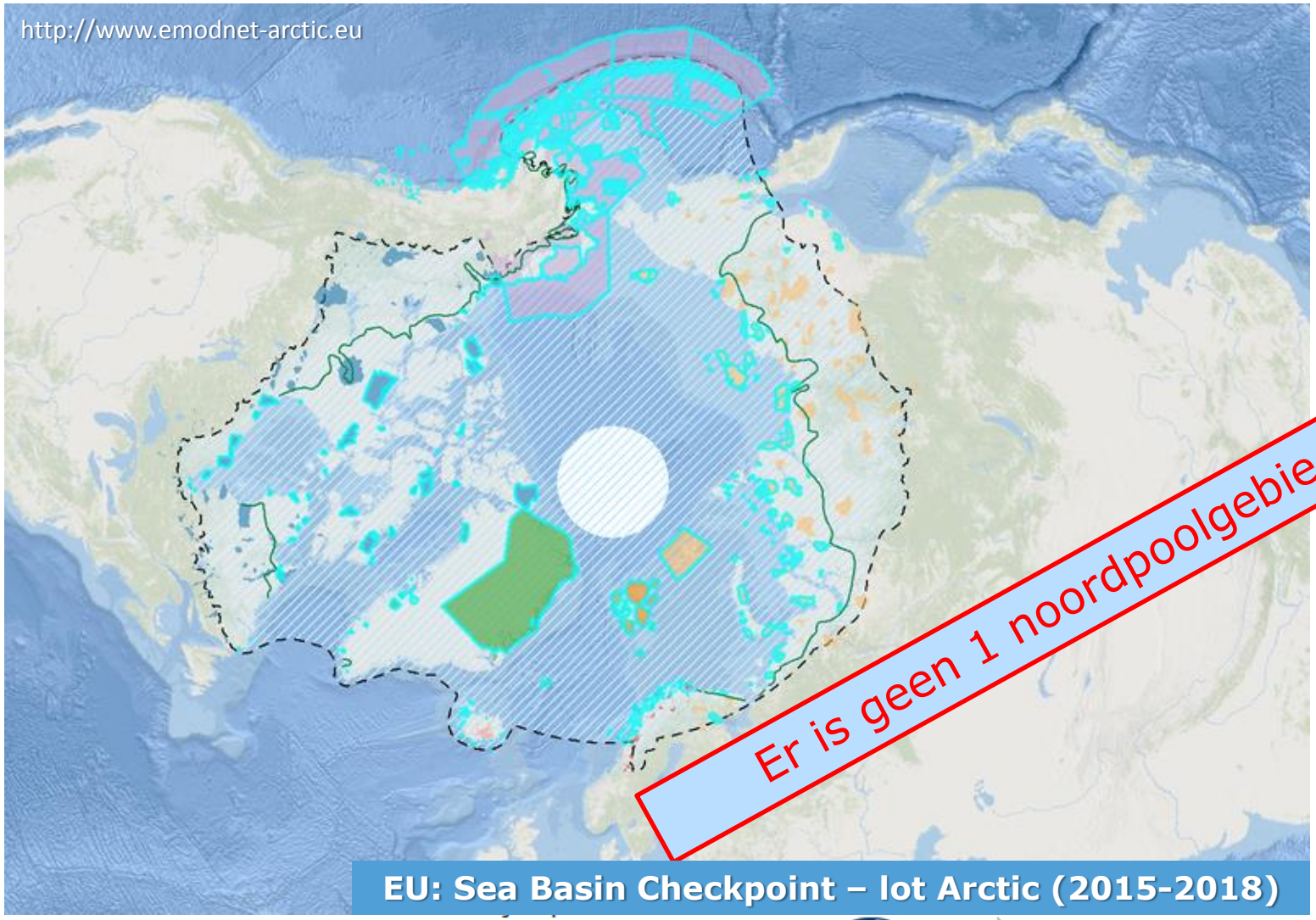
http://www.arcodiv.org/index.html

Marine Protected Areas



EU: Sea Basin Checkpoint – lot Arctic (2015-2018)

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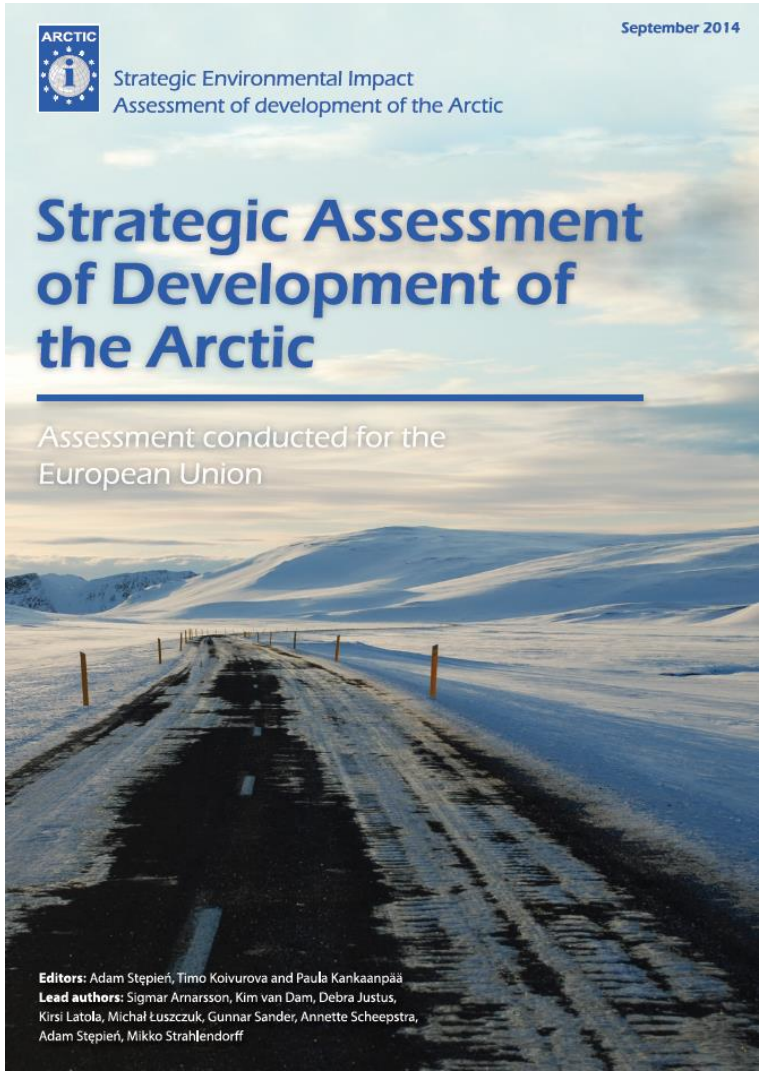
Visserij



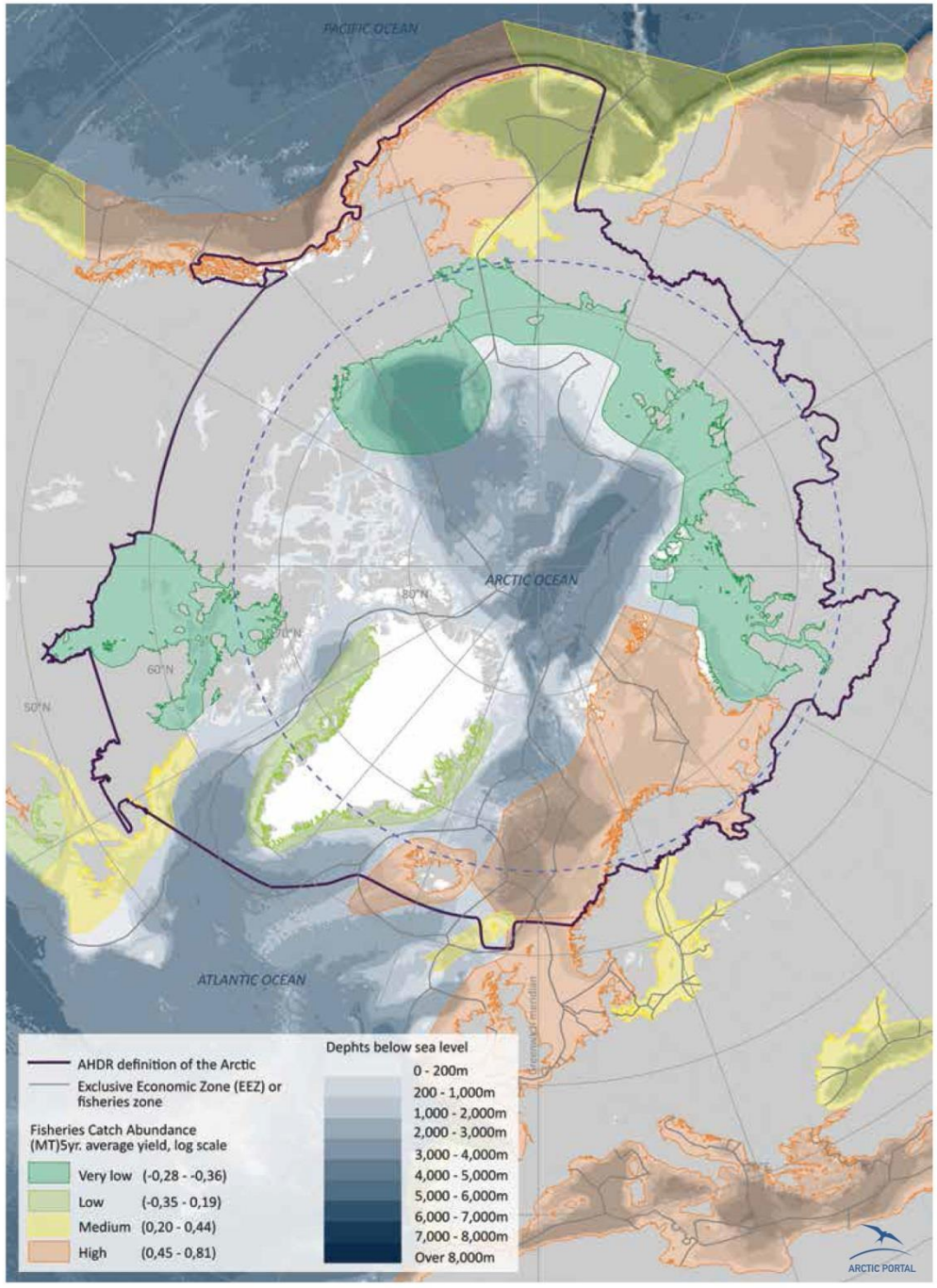


Figure 5.2: *Large Marine Ecosystems – Catch Abundance*
Source: Arctic Portal 2014.

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Status visbestanden Arctisch gebied

- Koolvis (Pollock, Bering Zee)
- Kabeljauw (NE Arctic cod, Pacific Cod)
- Kabeljauw (Noorse kust ten noorden van 62°N)
- Schelvis (NE Arctic haddock)
- Zwarte koolvis (Arctic saithe)
- Lodde (Barents/Norw. Zee, IJsland/Jan Mayen)
- Roodbaars (Beaked: Barents/Norw. Zee, IJsland/Groenland, SE Groenland), Golden: Barents/Norw. Zee)
- Heilbot (Greenland halibut)
- Opiliokrab (Snowcrab)

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Meer informatie?

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www.wur.nl/marine-research

Website Arctisch onderzoek Wageningen University & Research:

www.arctic.wur.nl

www.emodnet-arctic.eu

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