Veðurlag og hav

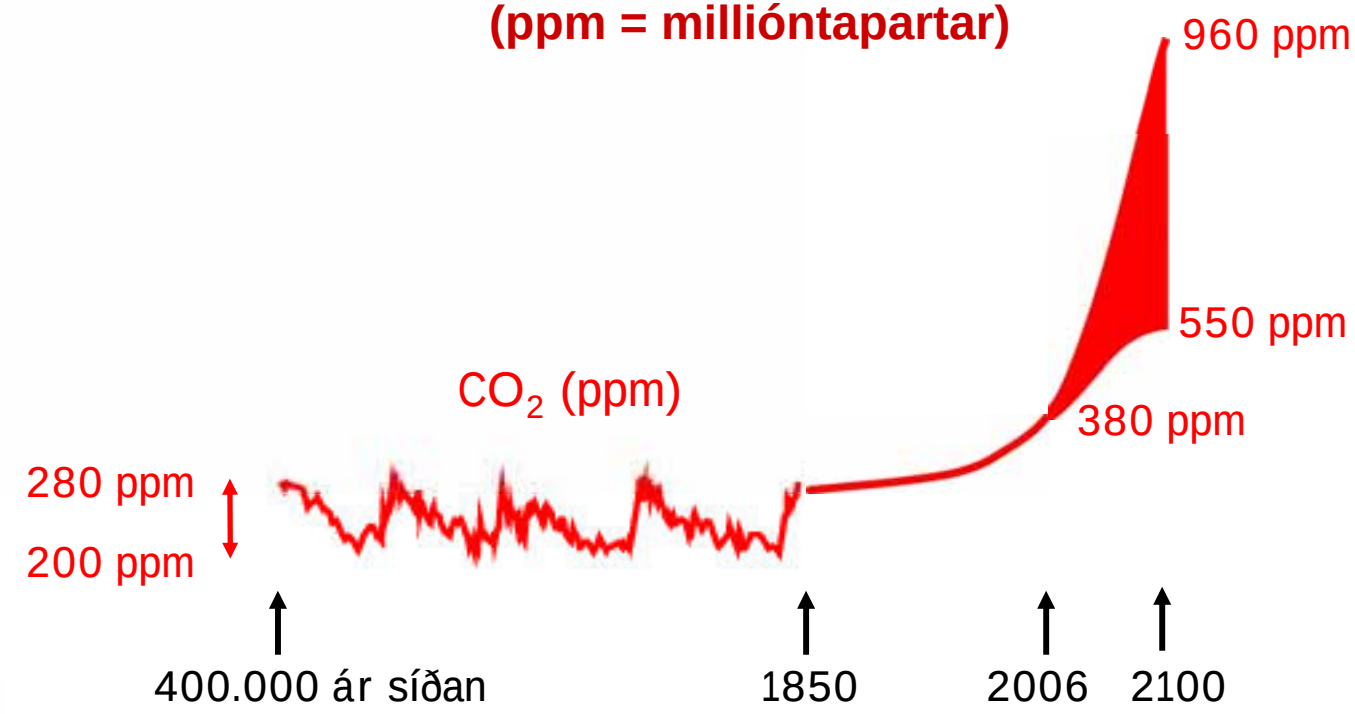


Bogi Hansen
Fiskirannsóknarstovan

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CO_2 í luftini

(ppm = milliónta partar)





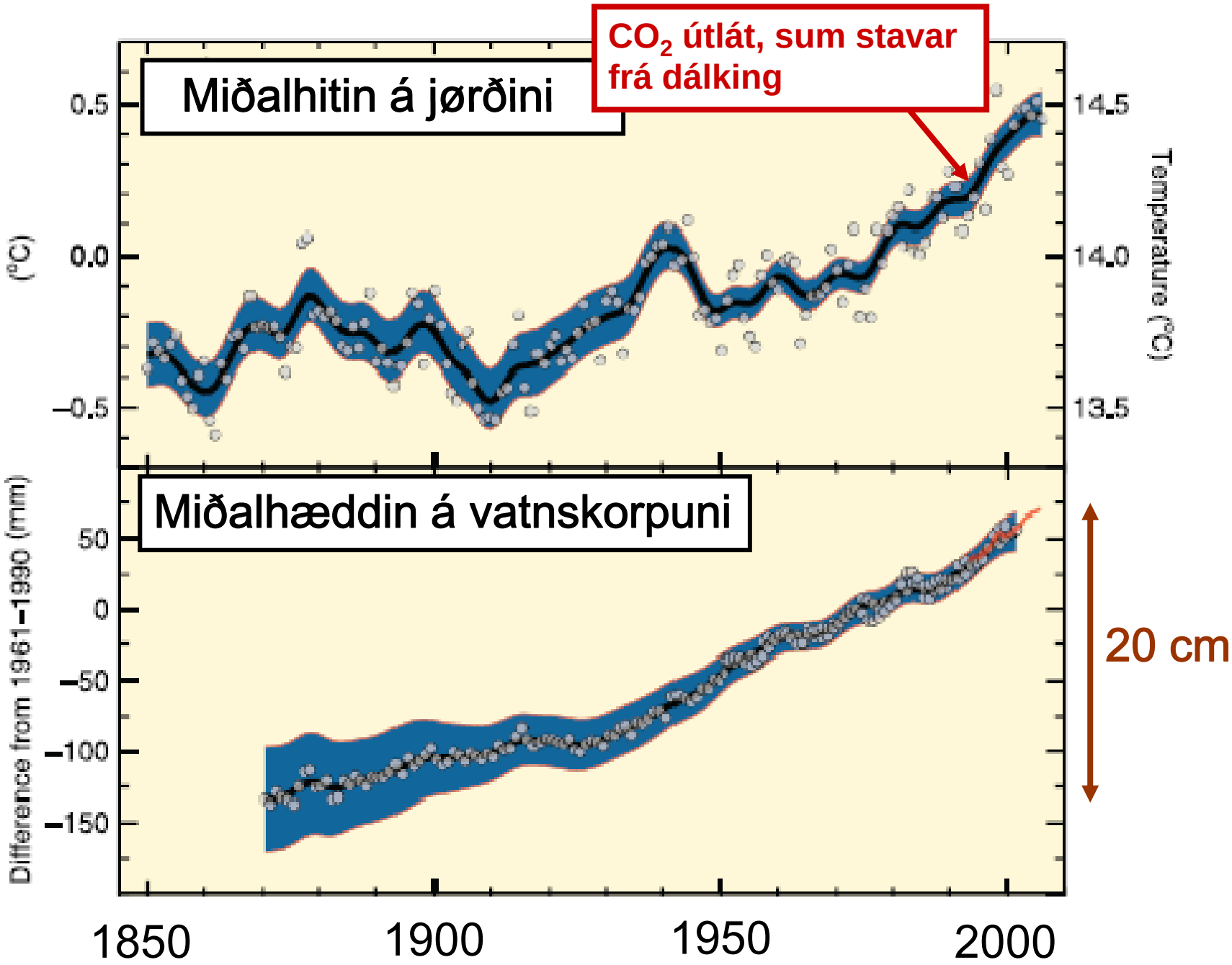


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CO_2 virkar sum bjálving um jørðina

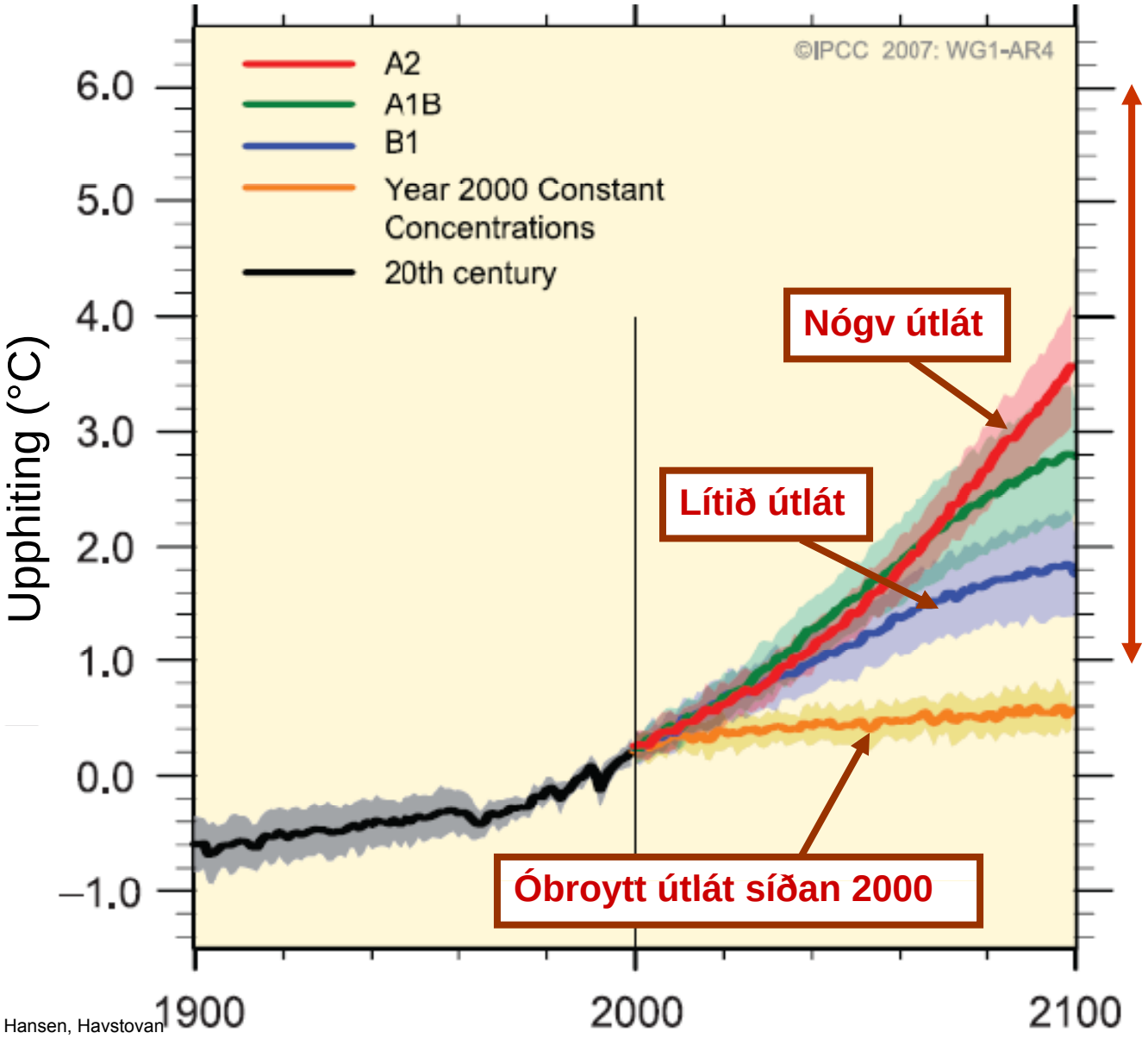


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Miðalhitin á jørðini tey komandi 100 árini sambært IPCC-2007 (Intergovernmental Panel on Climate Change)



Óvissa um framtíðar CO_2-útlát

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Turkur í Afrika



© Bogi Hansen, Havstovan

Bergen, 14. september 2005



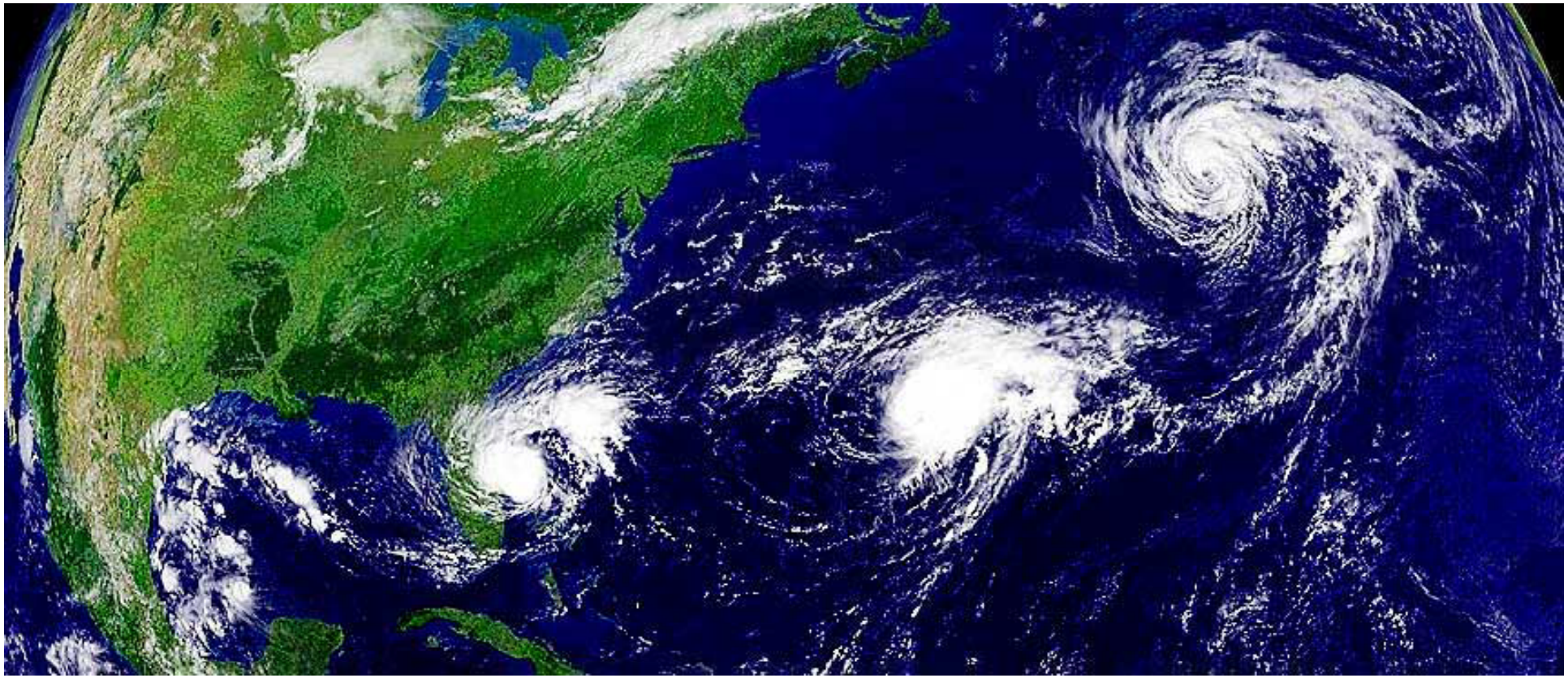
© Bogi Hansen, Havstovan

Katrina New Orleans, september 2005



© Bogi Hansen,

Harðari ódnir koma helst eisini til okkara



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Vit mugu vænta
Tað óvæntaða

Grønlendski innlandsísurin



ókontrollerað

Mannaættarinnar størsta eksperiment

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Hvussu verða veðurlagsbroytingarnar í Føroyum ?



Føroysku botnfiskastovnarnir hava ”Góð ár” og ”vánalig ár”

Orsøkin er helst veðurlagið

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South Georgia

South Sandwich Islands

SCOTIA SEA

Falkland Islands

60°43'S

Orkney Islands

Tierra del Fuego

Signy

WEDDELL SEA

South Shetland Islands

Antarctic Peninsula

Antarctic

90° W

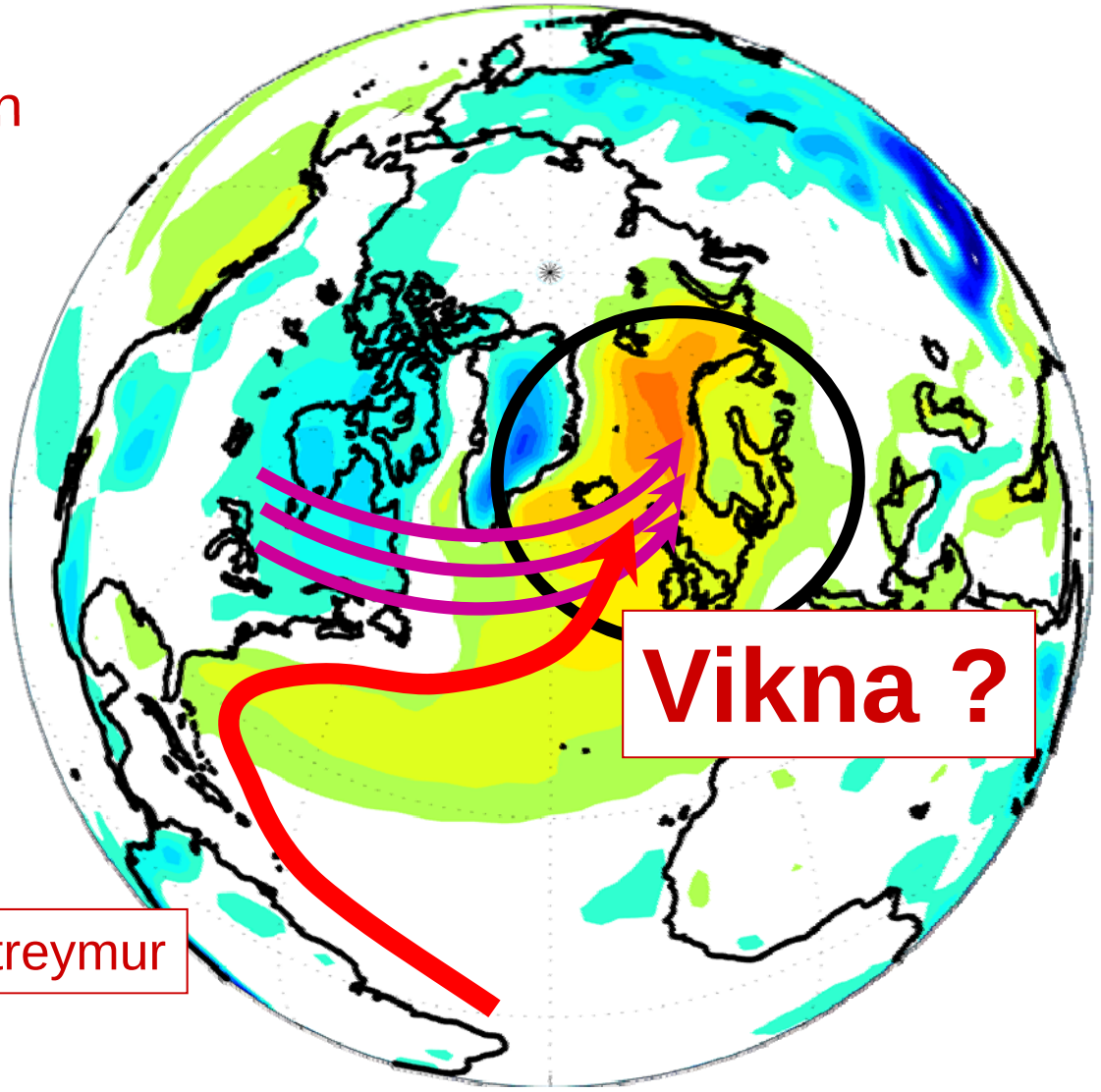
© Bogi Hansen, Havstovan

Signy á hásumri



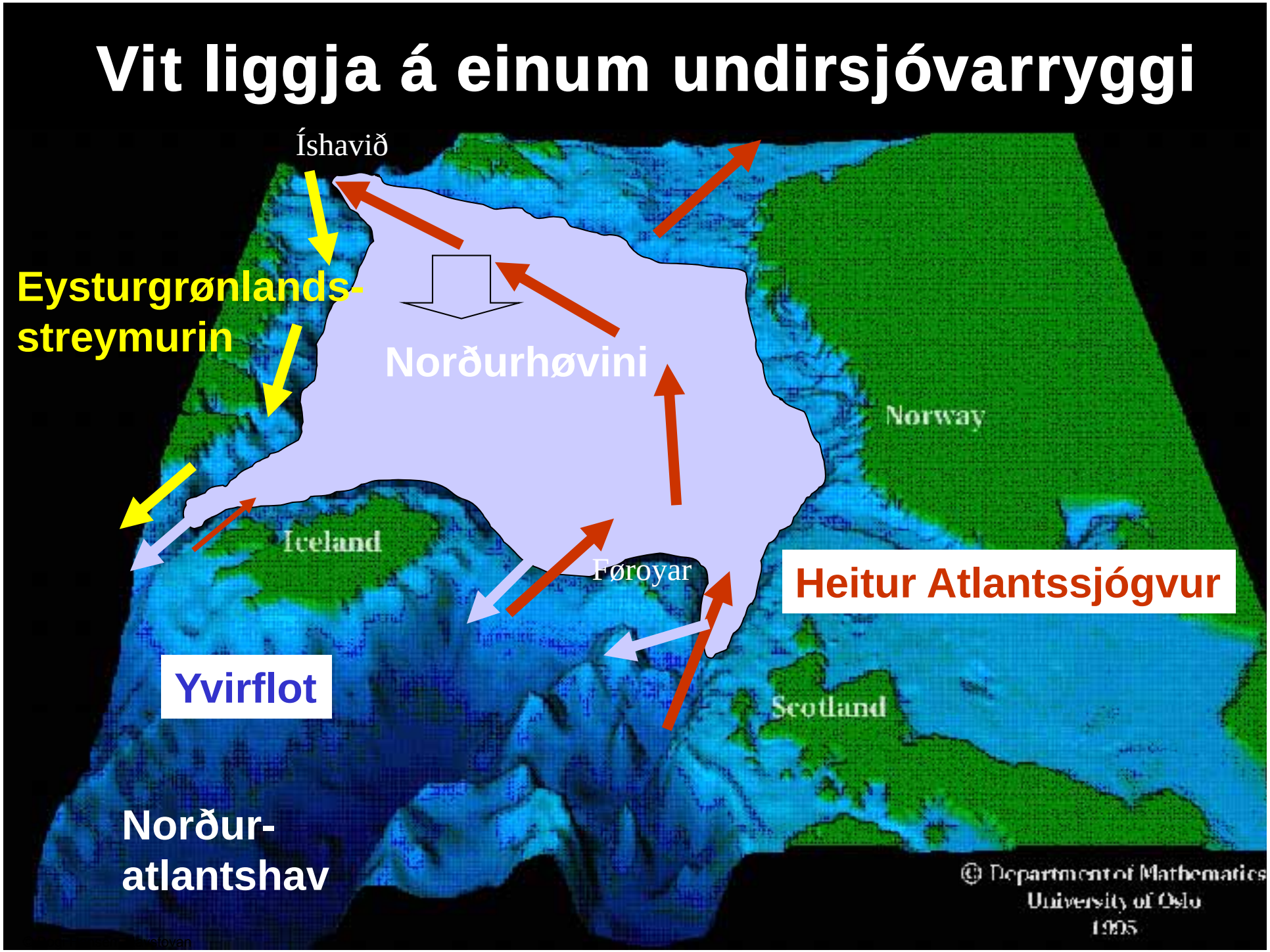
Heimsins veðurlags oasa

10-15°C heitari enn vanligt á hesum breiddarstigi

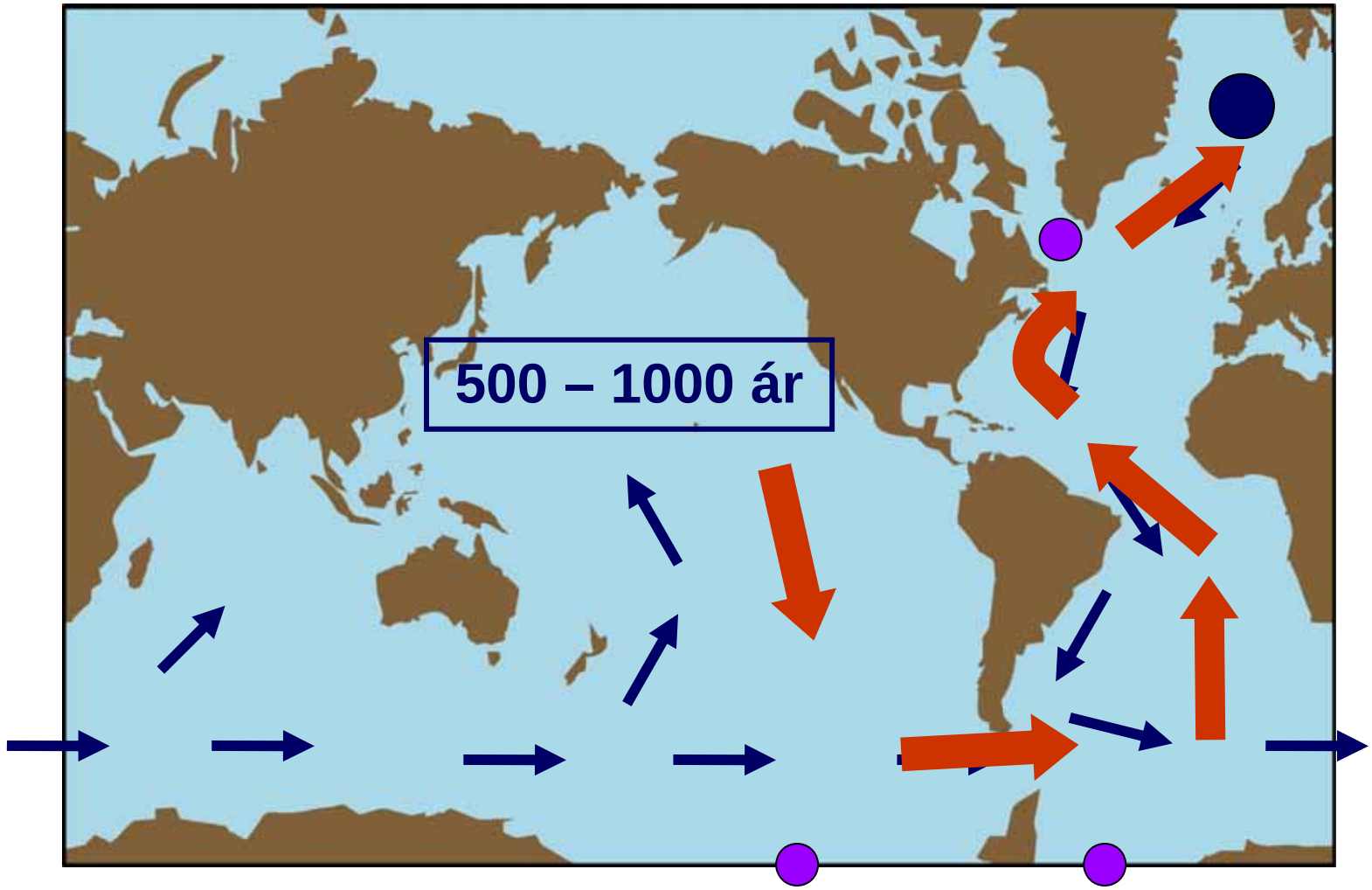


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Vit liggja á einum undirsjóvarryggi



Tann kaldi djúpi sjógvurin frá okkara leiðum ferðast um øll heimshøvini



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Veðurlags-broytingar



Grønlendski innlandsísurin

Áir og regn

Norðuratlantshav

Norðurhøvini

Køling

Heitur Atlants-sjógvur

Dýpi

Kaldur djúpur sjógvur

Ryggur

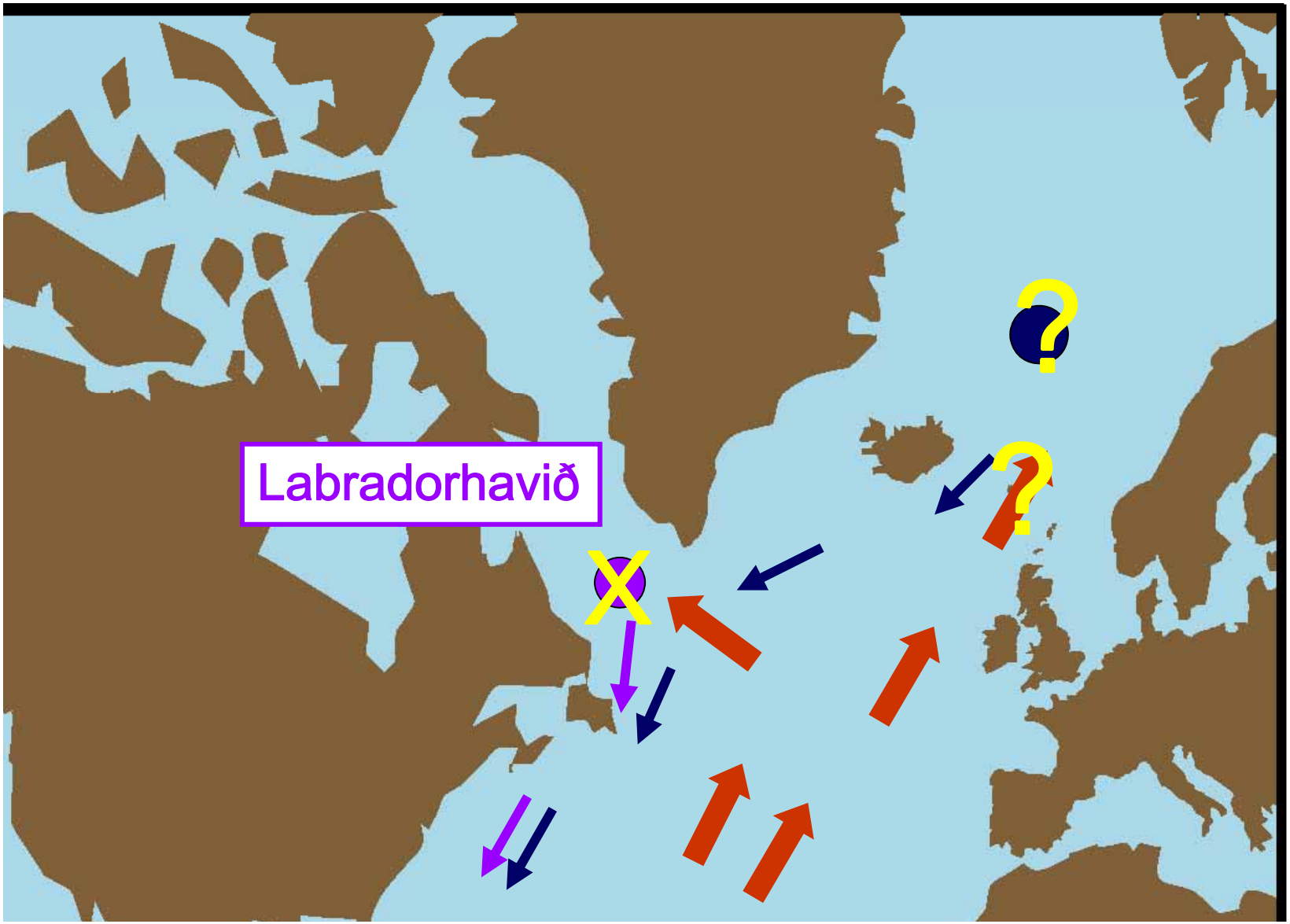
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IPCC 2007

it is *very likely* that the meridional overturning circulation (MOC) of the Atlantic Ocean will slow down during the 21st century.
(range from zero to about 50%).

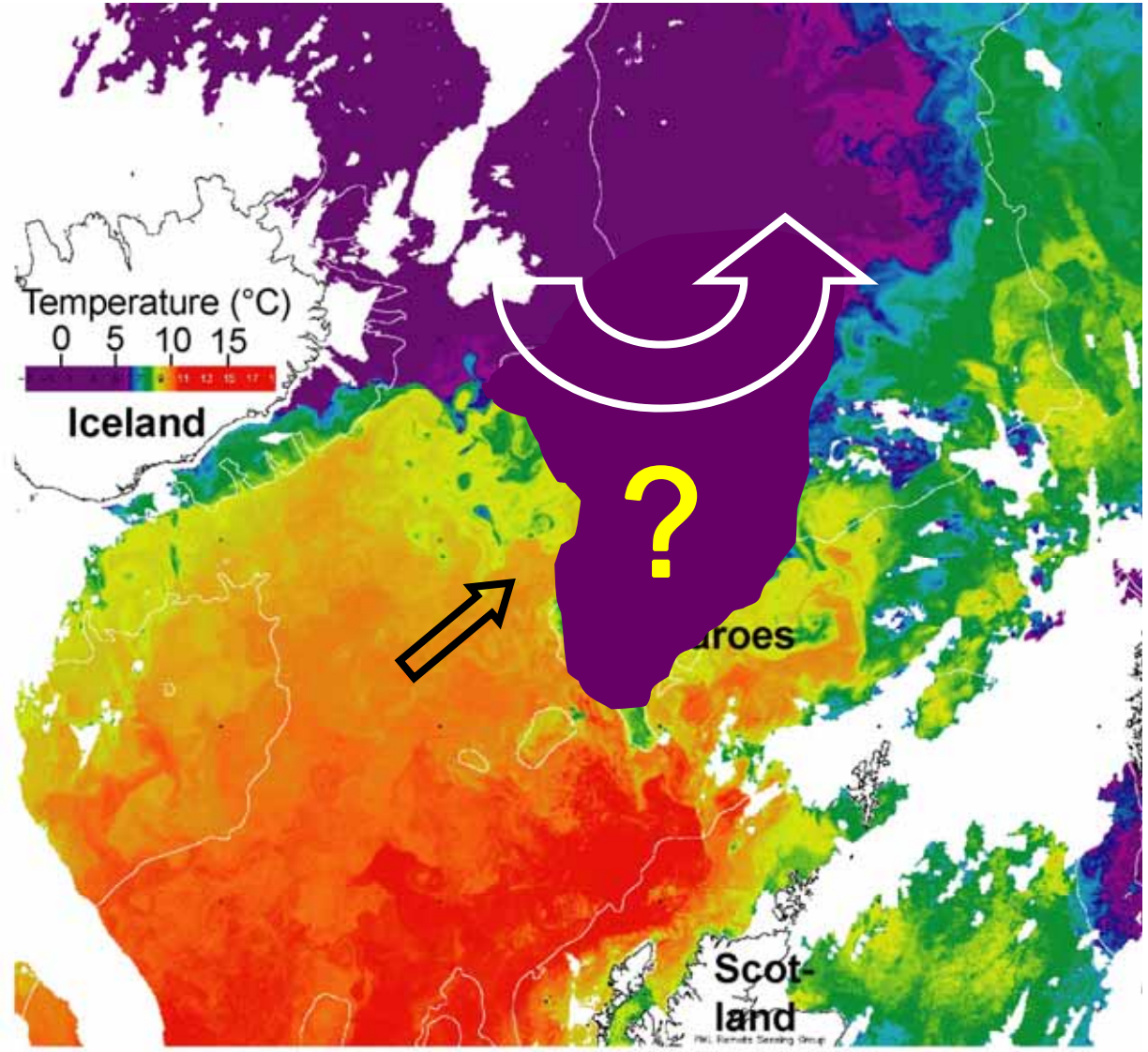
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Tað djúpa rákið í Norðuratlantshavi



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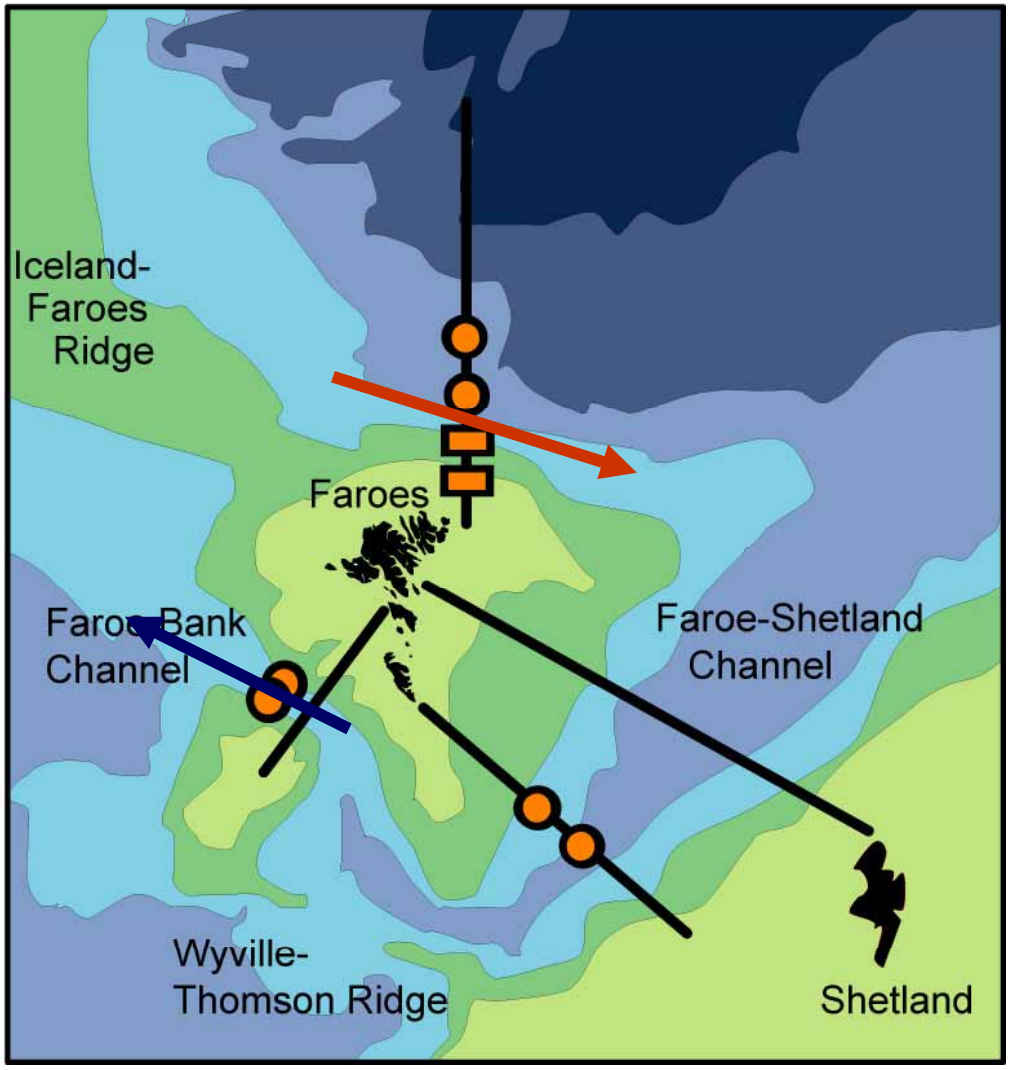
Hitin í Vatnskorpuni 18. Apríl 2003



(frá P. Miller, Plymouth Marine Lab)

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Mátingar kring Føroyar

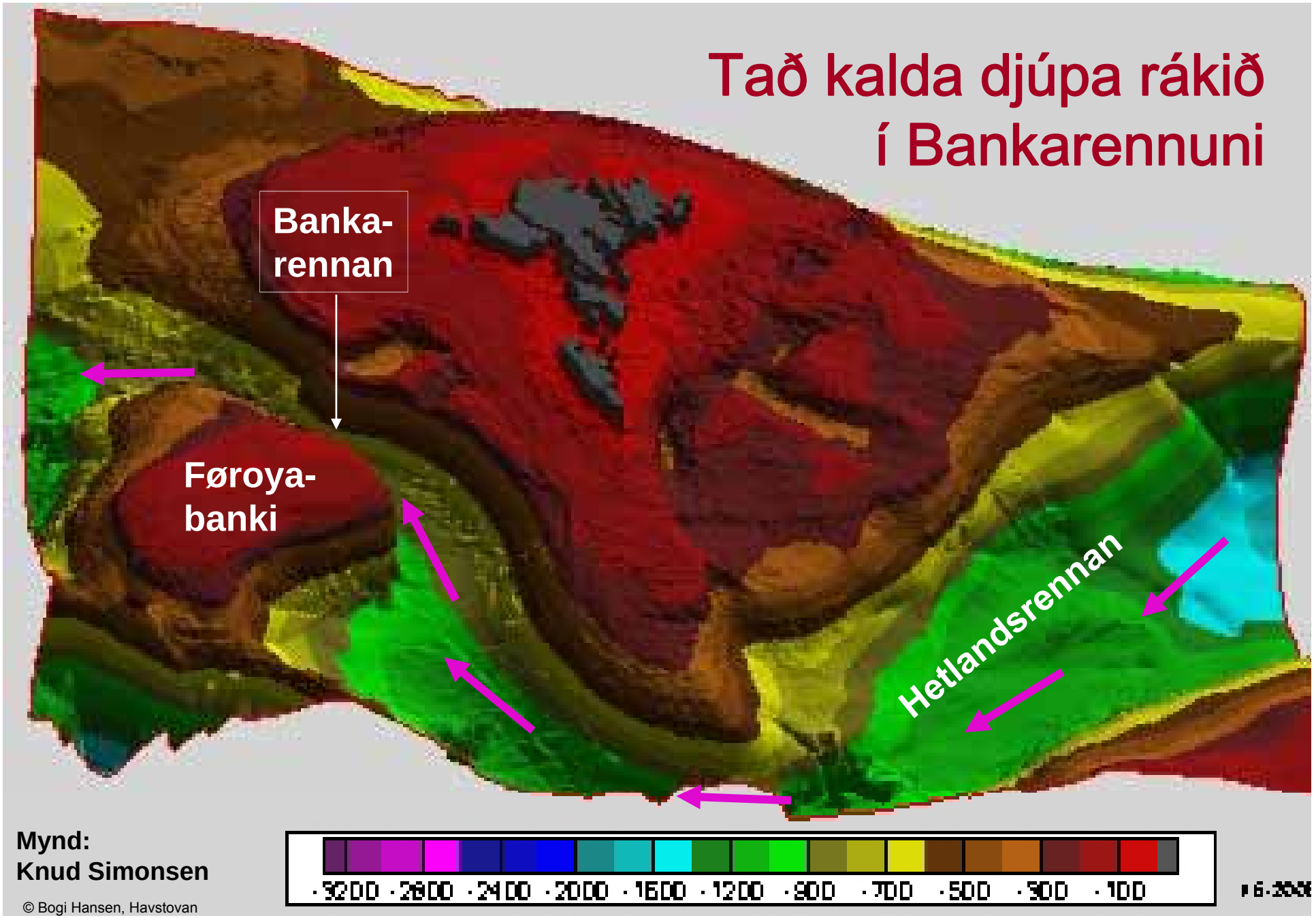








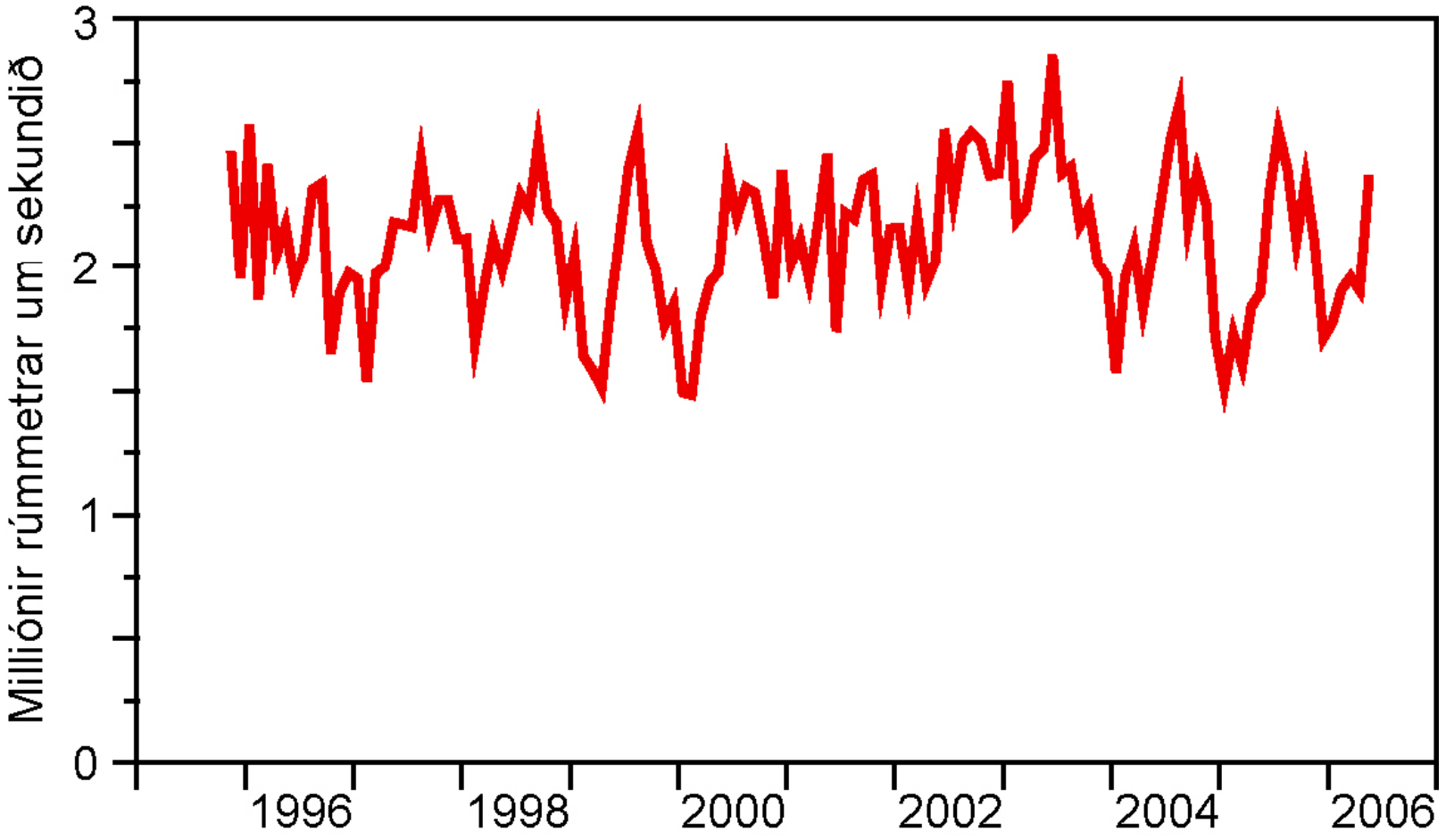
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Mynd:
Knud Simonsen

© Bogi Hansen, Havstovan

Styrkin í tí djúpa rákinum í Bankarennuni



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Og það
var það