

EARTH IOI

# Umhverfissýn á tímum loftslagsbreytinga

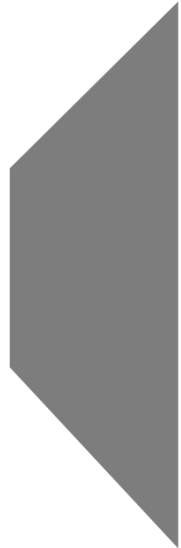
Guðni Elísson

*Umhverfisdagur atvinnulífsins*

DOCUMENTING THE CRISIS  
*Hilton Nordica*

30. september 2015

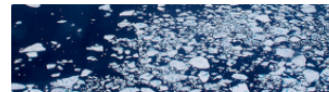
EARTH IOI





### THE PROJECT

Earth101 is an ongoing project where selected documentary filmmakers meet in Reykjavik, Iceland with some of the finest experts in various fields relating to climate science and cultural cognition. The first conference was in October 2013. The purpose is to provide a venue where some of the world's preeminent minds on climate change and renowned [...]

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### TRAILERS AND SHORTS

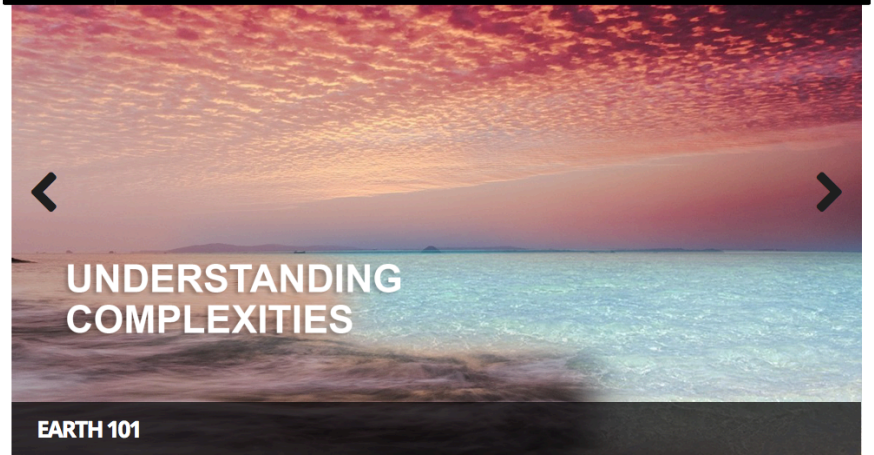
The film The Root of the Problem: Iceland and Climate Change, made by Jón Bragi Pálsson, is a 30 minute documentary about the discourse of climate change in Iceland. The film targets solutions that are based on consumption and the idea that global warming is a positive thing for Icelanders. The documentary gives insight into [...]

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### VIDEO LECTURES

Understanding Complexities The difficulties in communicating the facts of climate change to the public, in spite of a scientific consensus on the seriousness of the problem, are what instigated the Earth101 Project. Its main focus is the question of how we can effectively mediate to the public the grave consequences climate change will most likely [...]

[Learn More](#)



EARTH  **Reykjavík**

**February 26th – March 1st 2015**

**DOCUMENTING THE CRISIS**





EARTH  **Reykjavík**  
**February 26th – March 1st 2015**  
**UNDERSTANDING COMPLEXITIES**



## VIDEO LECTURES

### Understanding Complexities

The difficulties in communicating the facts of climate change to the public, in spite of a scientific consensus on the seriousness of the problem, are what instigated the Earth101 Project. Its main focus is the question of how we can effectively mediate to the public the grave consequences climate change will most likely have on the earth's weather- and ecosystems in the immediate future. Some of the world's leading experts in climate science and communication support the project and are prepared to contribute to it by giving lectures and interviews. The videos shared are products of the Earth101 conferences, the first of which was held in October 2013 in Iceland.

*Click the photos below to access videos by each lecturer.*



**Guðni Elísson**, Professor in Comparative Literature, head of Faculty of Icelandic and Comparative Cultural Studies at the University of Iceland. He has written two books and close to fifty articles on various subjects matters in the fields of literature, cinema, cultural studies, as well as on environmental issues. He has also edited over twenty books. He is especially interested in the way political think tanks influence environmental debates in modern Western societies.



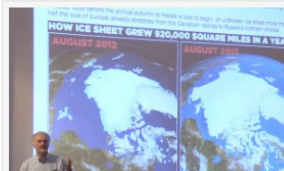
**Stefan Rahmstorf**, oceanographer and climatologist. Since 2000, he has been a Professor of Physics of the Oceans at Potsdam University and is Department Head at the Potsdam Institute for Climate Impact Research. He was one of the lead authors of the IPCC Fourth Assessment Report and is a fellow of the American Geophysical Union. He is a co-founder of the blog RealClimate, and was portrayed as one of the world's 10 leading climate scientists by the Financial Times in 2009.



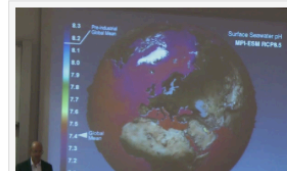
**Michael Mann**, physicist and climatologist, is director of the Earth System Science Center at Pennsylvania State University. He has written more than 140 peer-reviewed and edited publications, and published two books, most recently *The Hockey Stick* and *The Climate Wars: Dispatches from the Front Lines* (2012). Mann received a personalized certificate from the IPCC for "contributing to the award of the Nobel Peace Prize for 2007 to the IPCC".



**Kari Norgaard** is an Associate Professor of Sociology and Environmental Studies at the University of Oregon. Over the past ten years she has published and taught in



**Peter Sinclair** is the author of "Climate Denial Crook of



**Dan Laffoley** is Principal Advisor on Marine Science and Conservation for IUCN's (International Union for



Earth101

Gerast áskrifandi 131

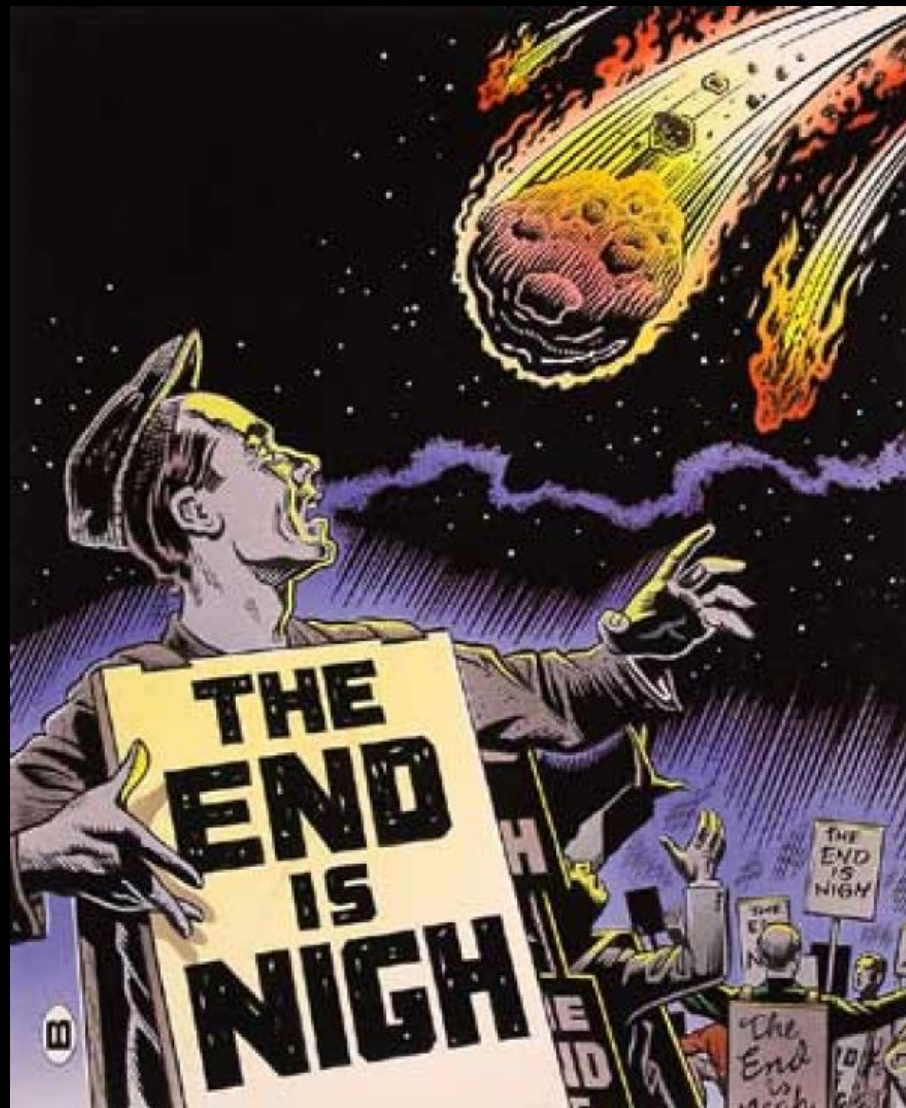
Heim Vídeó Spilunarlistar Rásir Umræður Um rášina

Upphleðslur

Dagsetning innsendingar (nýlegast - elst) Tafli

- Erick Fernandes - Interview**  
20:05  
29 áhorf • Fyrir 3 dögum
- Gavin Schmidt - Interview**  
6:41  
43 áhorf • Fyrir 6 dögum
- Erik M. Conway – Merchants of Doubt: How Climate Science...**  
36:23  
80 áhorf • Fyrir einni viku
- Kevin Anderson - Delivering on 2°C: evolution or revolution?**  
53:52  
545 áhorf • Fyrir 2 vikum
- Erick Fernandes - Turn Down the Heat: Why a 4°C Warmer World...**  
47:52  
145 áhorf • Fyrir 3 vikum
- Gavin Schmidt - Simulating the emergent patterns of climate...**  
27:48  
120 áhorf • Fyrir 4 vikum
- Guðni Elisson - Earth2015**  
15:23  
59 áhorf • Fyrir 4 vikum
- Kevin Anderson - The Ostrich or the Phoenix? ... dissonance or...**  
48:44  
303 áhorf • Fyrir einum mánuði
- Karen Pinkus – Interview**  
4:59  
115 áhorf • Fyrir 2 mánuðum
- Karen Pinkus - Thinking with Fuel**  
78 áhorf • Fyrir 2 mánuðum
- Karen Pinkus - Climate change and narrative: Imaginative...**  
17:59  
105 áhorf • Fyrir 3 mánuðum
- Karen Pinkus - The humanities and climate change: Against th...**  
19:00  
128 áhorf • Fyrir 3 mánuðum
- What would a four degree warmer world mean to us?**  
3:12  
450 áhorf • Fyrir 5 mánuðum
- What should our government do about climate change?**  
3:54  
266 áhorf • Fyrir 5 mánuðum
- What can we personally do about climate change?**  
4:22  
286 áhorf • Fyrir 5 mánuðum
- What do you say to someone who says the science isn't settled?**  
2:17  
259 áhorf • Fyrir 5 mánuðum
- Why should we worry about climate change?**  
2:48  
355 áhorf • Fyrir 5 mánuðum
- Mike Berners-Lee – Interview**  
19:31  
170 áhorf • Fyrir 8 mánuðum
- Mike Berners-Lee - What is to be done? Defining the climate...**  
24:26  
327 áhorf • Fyrir 8 mánuðum
- Mike Berners-Lee - Burning Questions: How much fuel nee...**  
33:16  
448 áhorf • Fyrir 8 mánuðum
- Dan Laffoley -- The Ocean - The Future We Want**  
50:25  
559 áhorf • Fyrir einu ári
- The Root of the Problem (trailer)**  
1:41  
351 áhorf • Fyrir einu ári
- Stefan Rahmstorf – RUV Interview**  
9:51  
494 áhorf • Fyrir einu ári
- Michael E. Mann - RUV Interview**  
20:18  
414 áhorf • Fyrir einu ári
- Peter Sinclair -- Communicating Climate Science in the...**  
48:37  
2.192 áhorf • Fyrir einu ári
- Guðni Elisson -- Earth 101**  
9:54  
826 áhorf • Fyrir einu ári
- Kari Norgaard -- Living in Denial**  
36:24  
2.546 áhorf • Fyrir einu ári
- Stefan Rahmstorf -- The Climate Crisis**  
39:09  
4.534 áhorf • Fyrir einu ári
- Michael Mann -- The Hockey Stick and the Climate Wars...**  
43:39  
4.732 áhorf • Fyrir einu ári





Hvað felst í spám?



# Hverjir vinna spárnar?



# Energy Technology Perspectives 2012

Pathways to a Clean Energy System

Executive Summary



www.pwc.co.uk

## Too late for two degrees?


Low carbon economy index 2012

November 2012

pwc




## Turn Down the Heat

Why a 4°C Warmer World Must be Avoided





# 4° the Turn Down Heat

Climate Extremes, Regional Impacts, and the Case for Resilience



# 4° the Turn Down Heat

Confronting the New Climate Normal



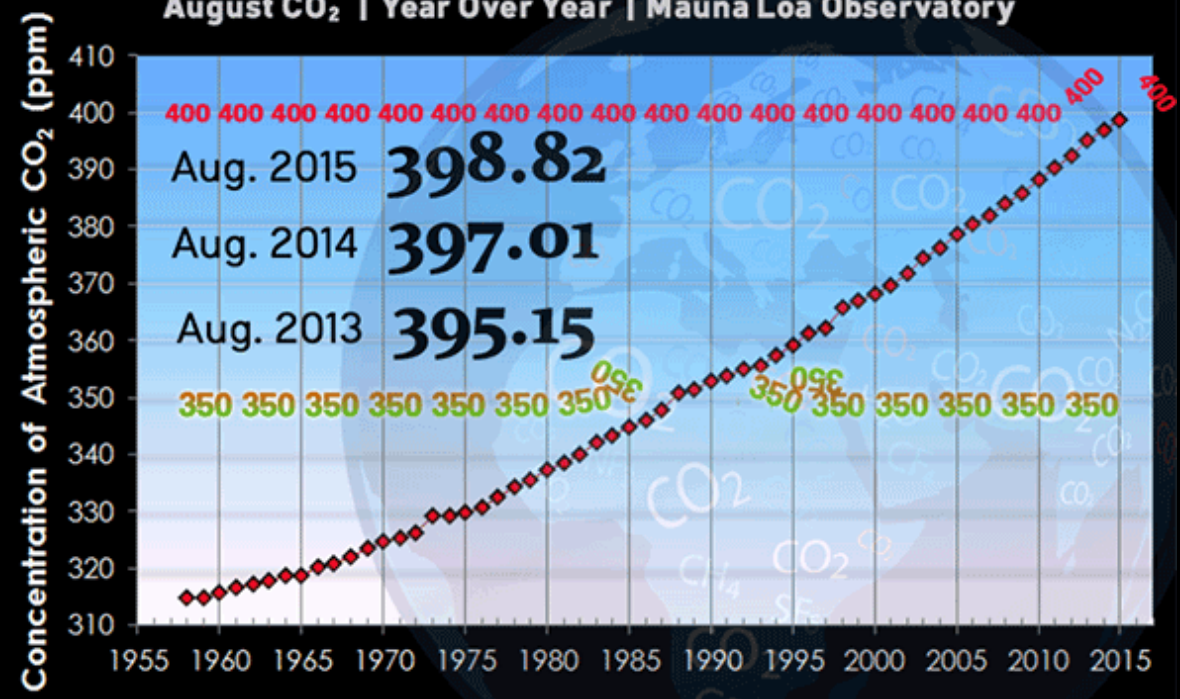
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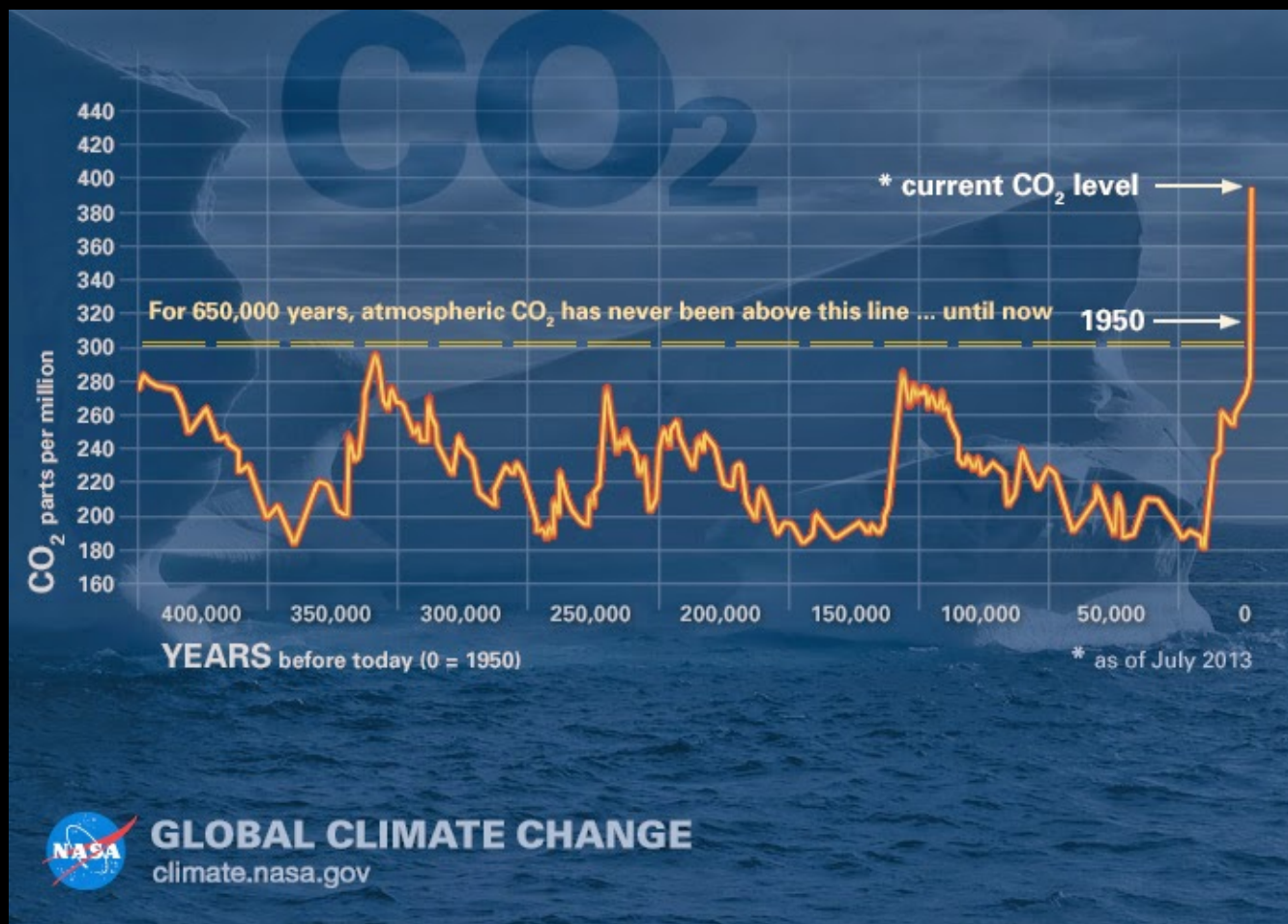
# August 1958 - August 2015 Atmospheric CO<sub>2</sub>

August CO<sub>2</sub> | Year Over Year | Mauna Loa Observatory

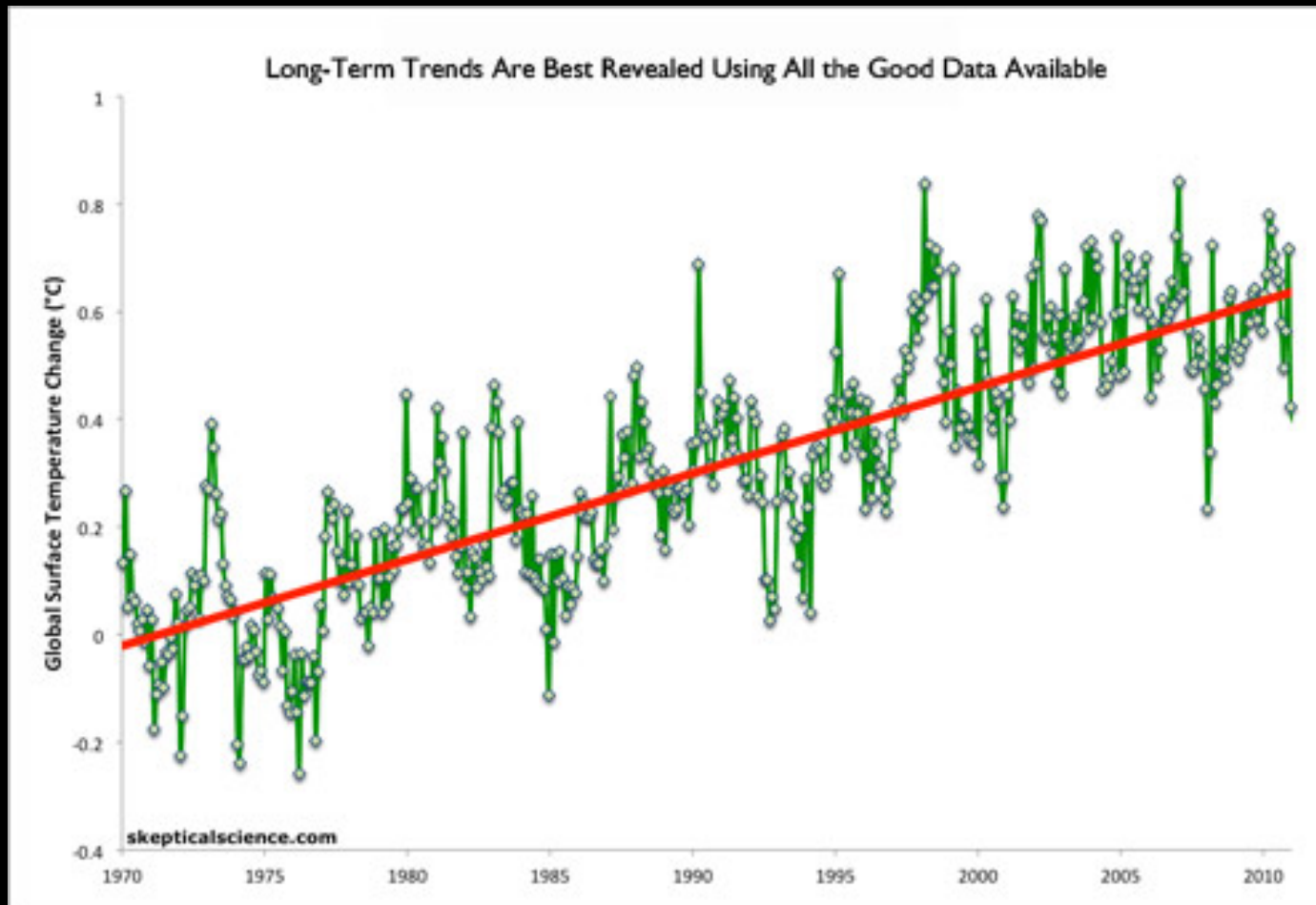


**CO<sub>2</sub>Now.org** Featuring NOAA-ESRL data of September 7, 2015

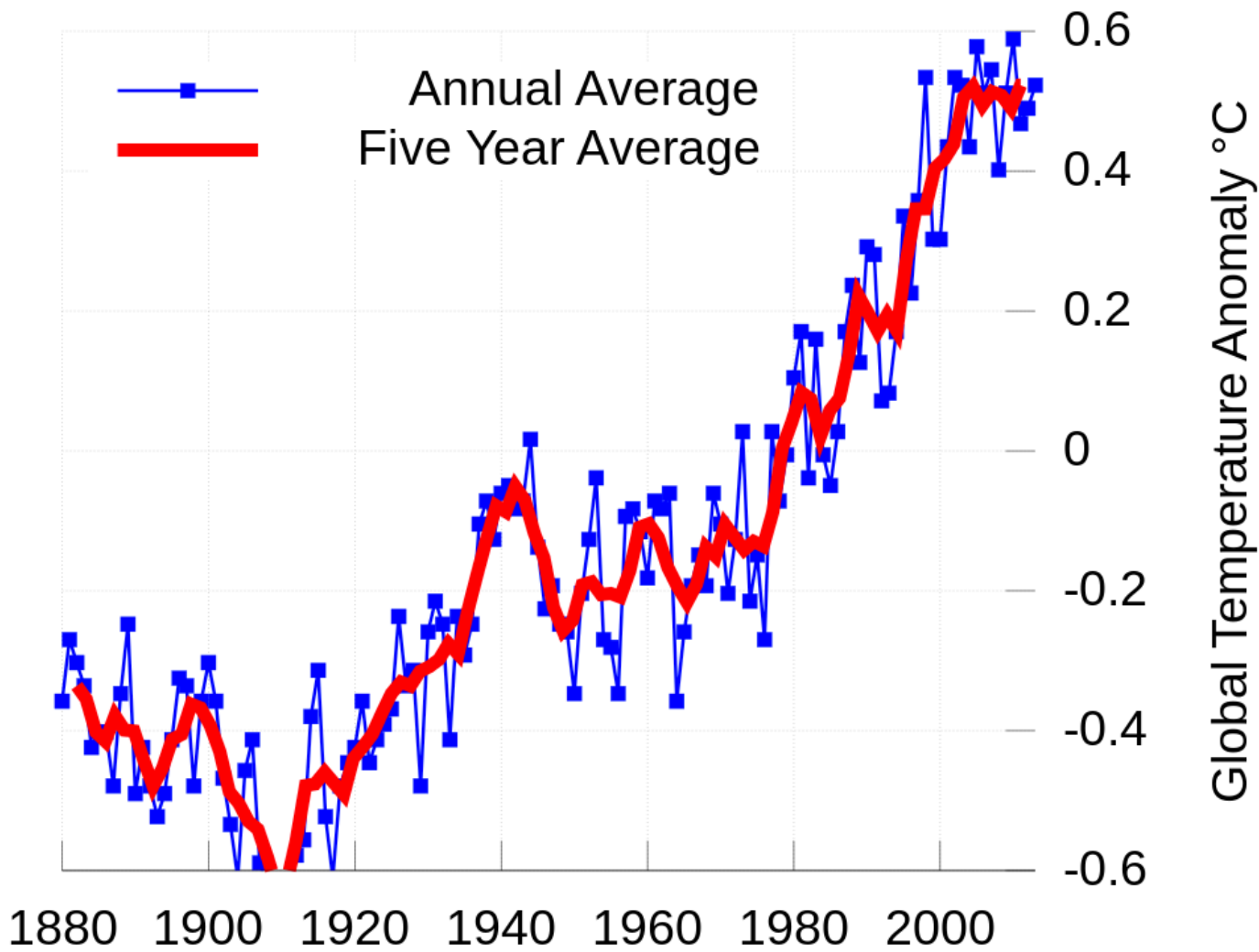
# Aukning koltvísýringings í andrúmslofti



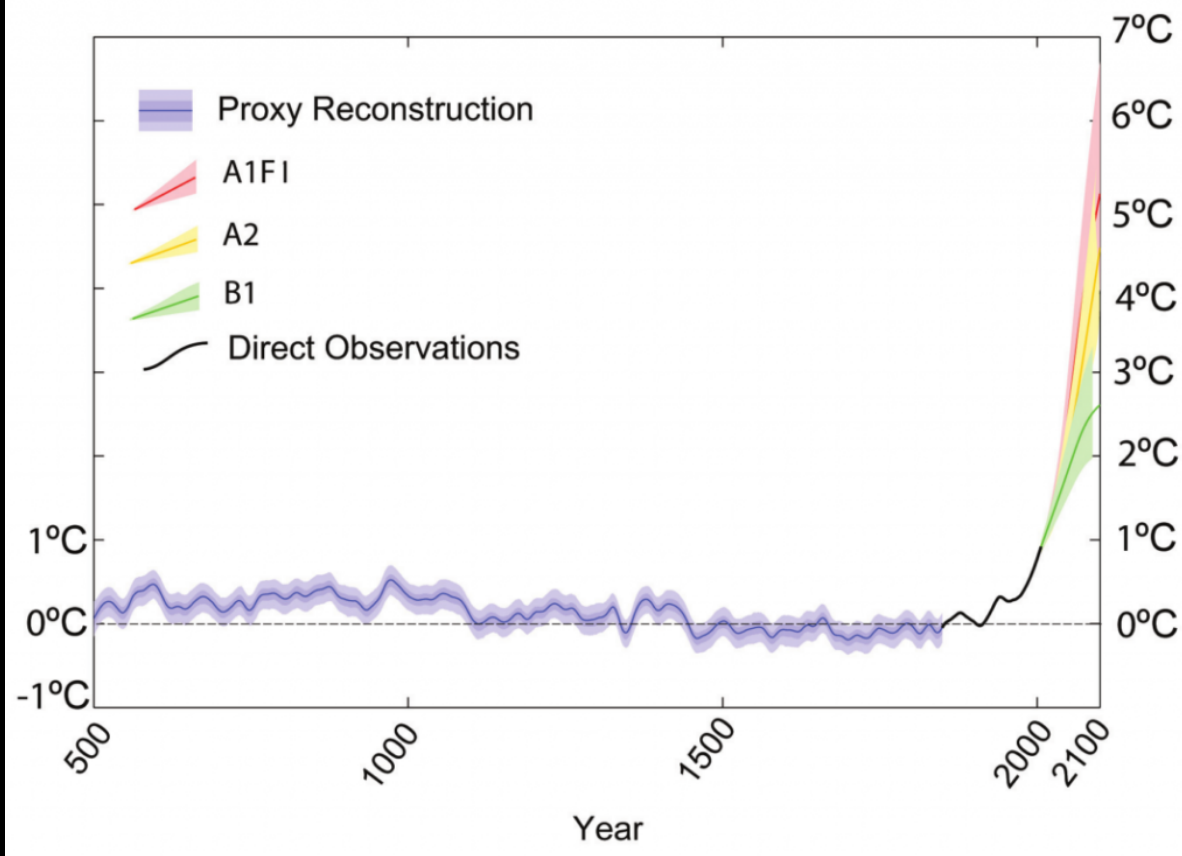
# Hlýnun jarðar







# Global Temperature Relative to 1800-1900 (°C)

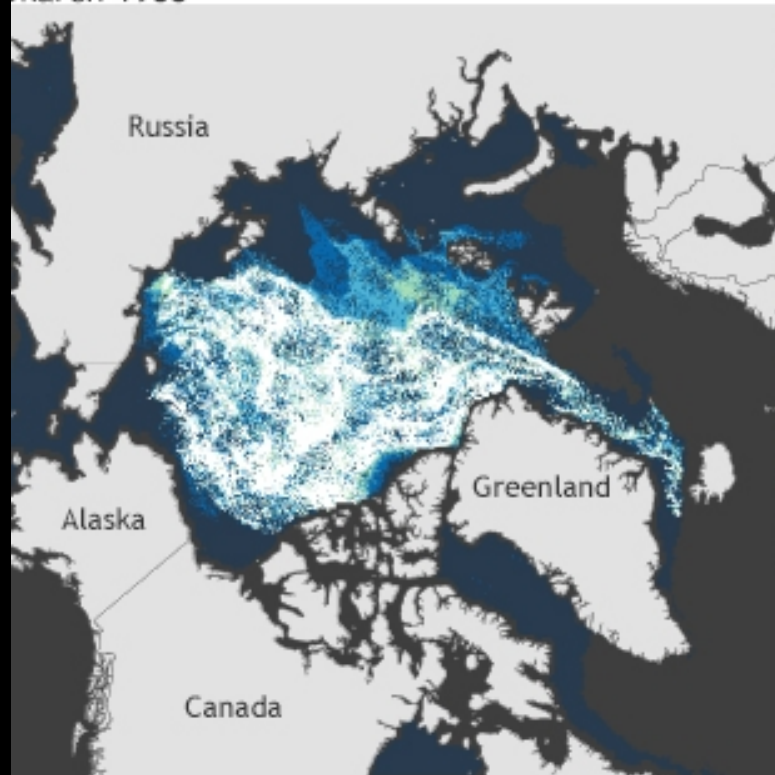


# Síðasta ísöld

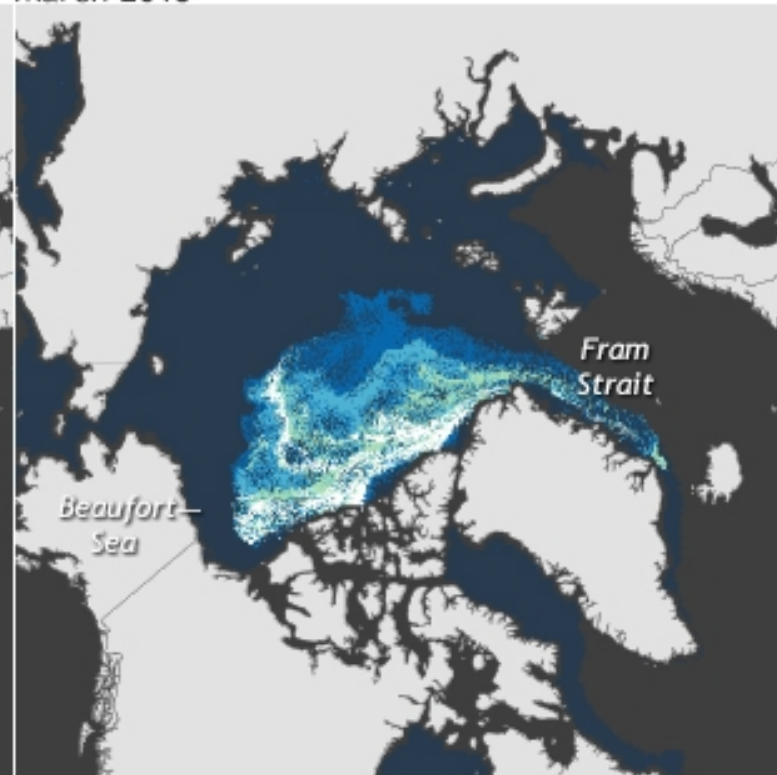
Last Glacial Maximum 18,000 years ago



March 1988



March 2013



Sea ice age (years)

