

पर्यावरण असंतुलन
और भावी संकट
{



6th **MASS** EXTINCTION

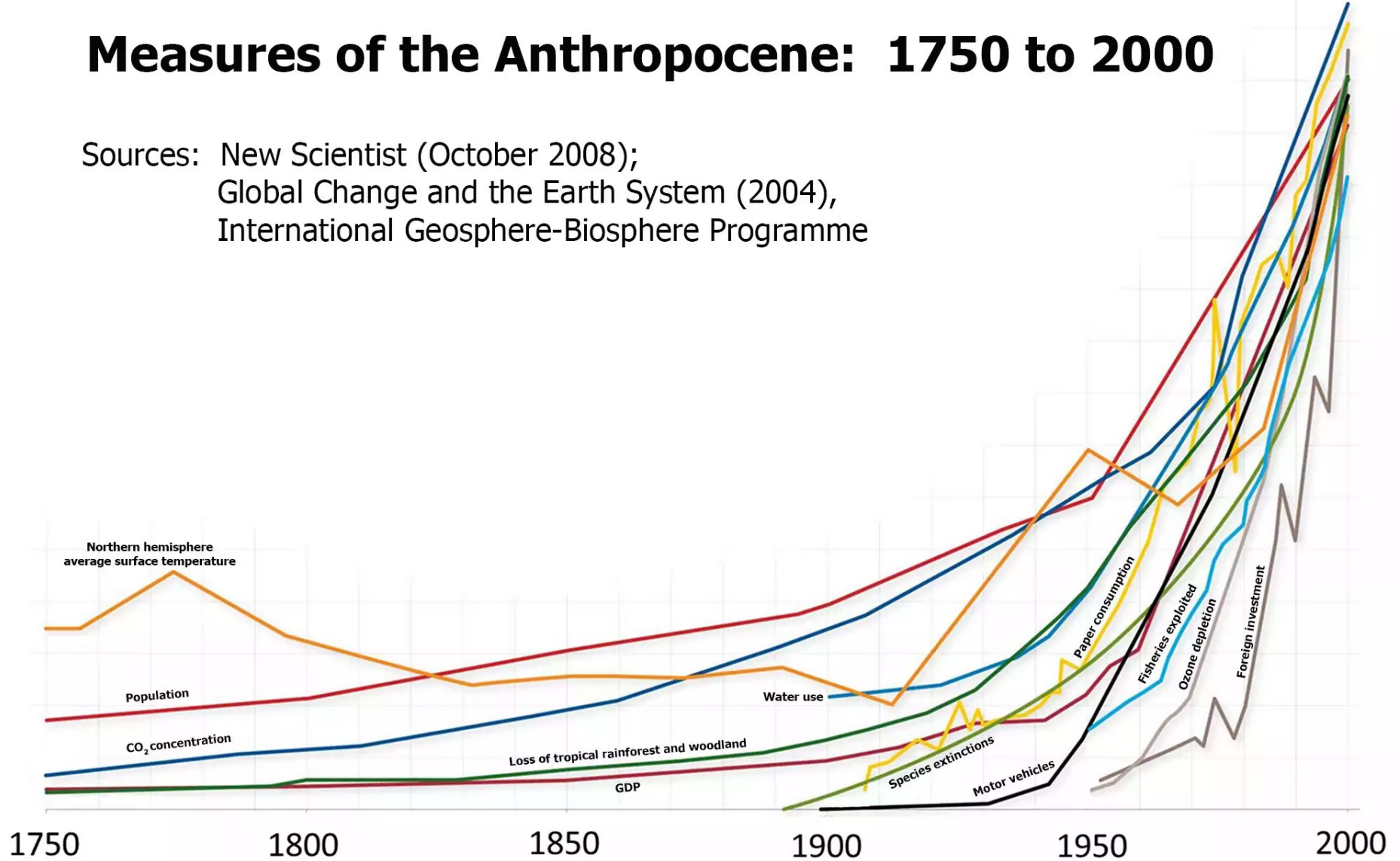
"The world is probably at the start of a runaway greenhouse event which will **END MOST HUMAN LIFE on EARTH BEFORE 2040.**"

-Dr. Guy McPherson
quoting John Davies

anthropocene

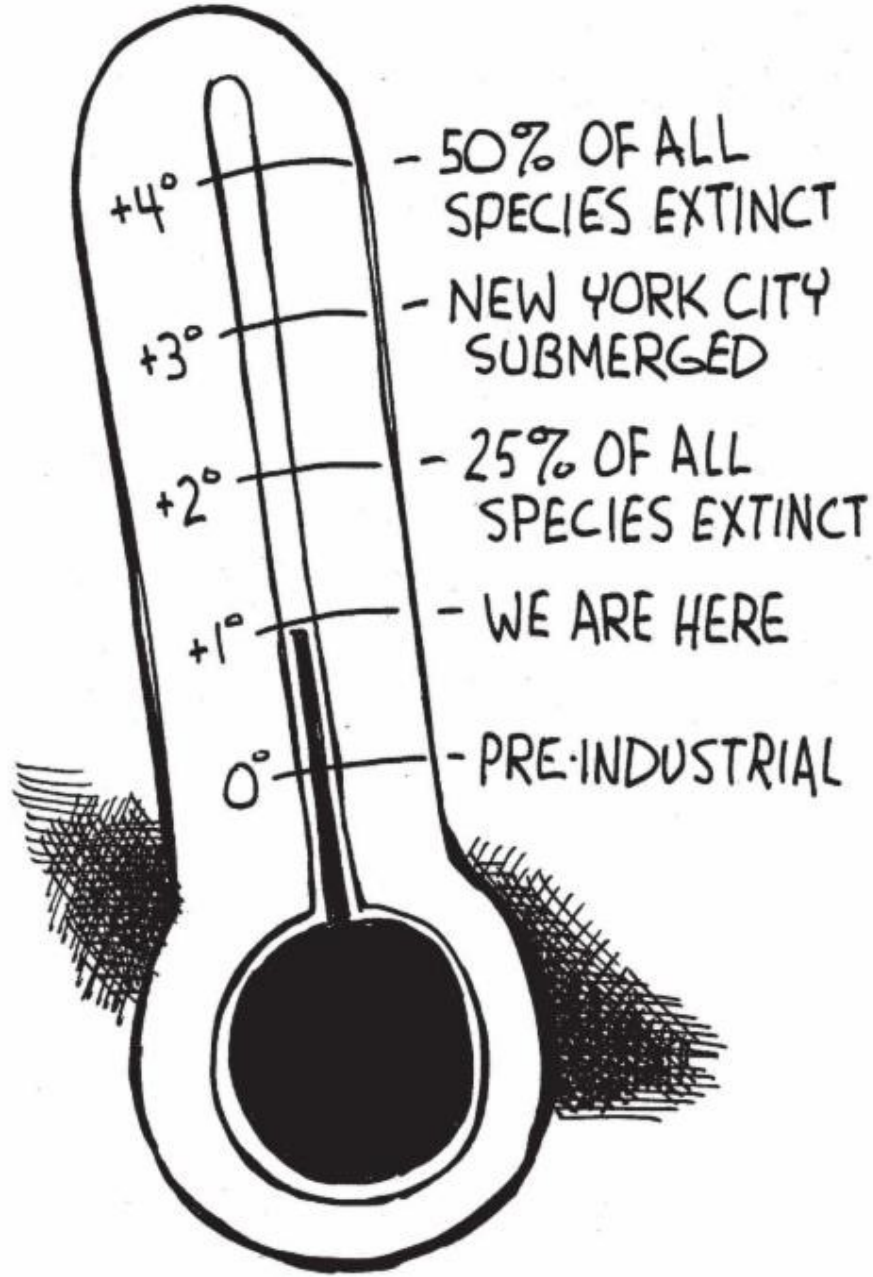
Measures of the Anthropocene: 1750 to 2000

Sources: New Scientist (October 2008);
Global Change and the Earth System (2004),
International Geosphere-Biosphere Programme



New Scientist

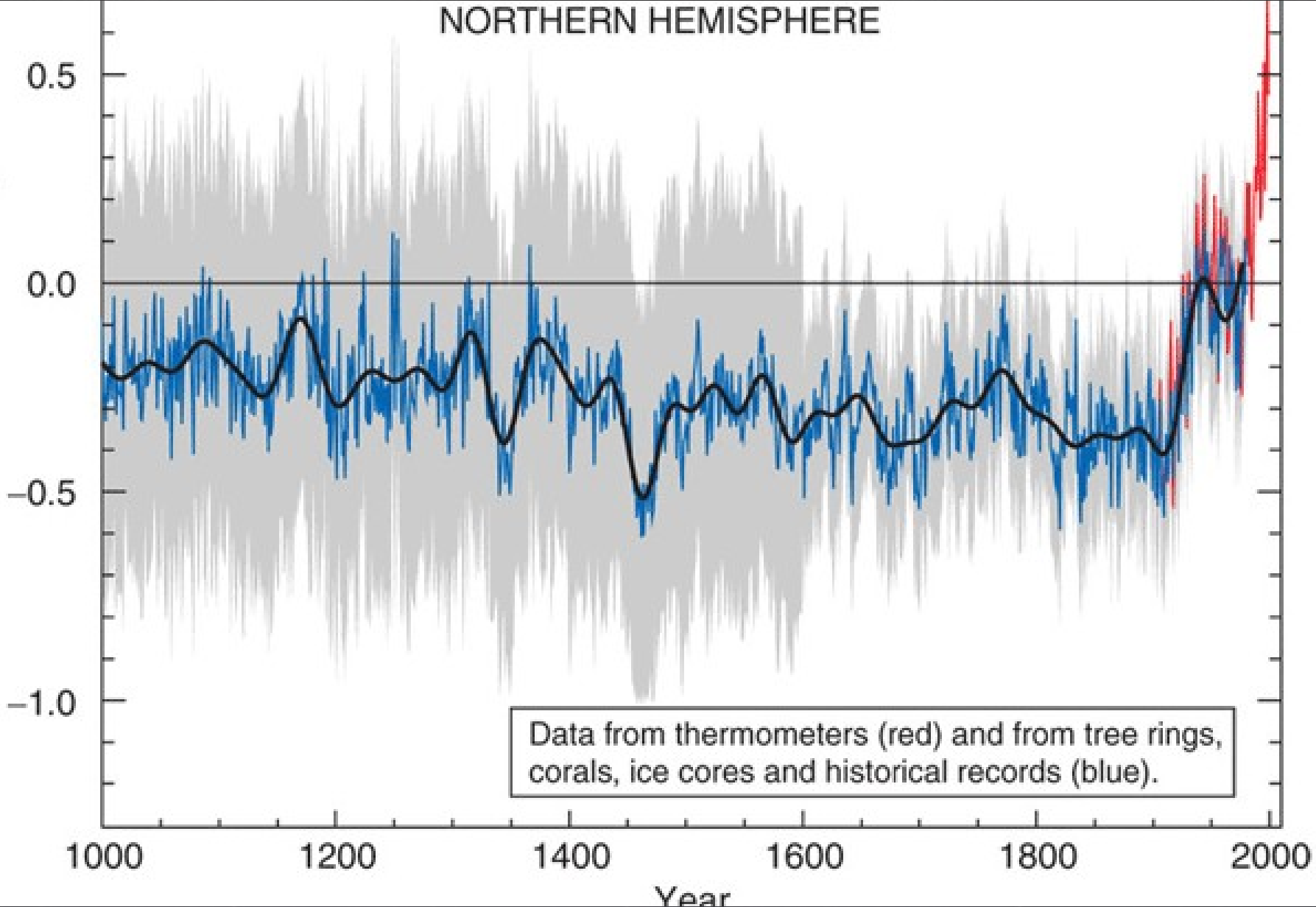
धरती को चढ़ा देना



The Celsius temperature scale.

NORTHERN HEMISPHERE

Departures in temperature (°C)
from the 1961 to 1990 average



Hockey Stick Curve

Methane (greenhouse gas 25x potent as CO₂) bubbles out 5x faster. Warmer air thaws Arctic soil, 50 bil tonnes may be released

By  WcP.Observer - Posted on  06 March 2010



Methane potent greenhouse gas trapped in the permafrost 25 times more powerful than carbon dioxide is bubbling out of the frozen arctic faster than expected, experts say

Researchers believe the Arctic Ocean seabed is thawing in patches and releasing greenhouse gases. Methane, trapped in the permafrost, 25 times more powerful than carbon dioxide, is bubbling out of the frozen arctic faster than expected.



Morning Mix

Anthrax sickens 13 in western Siberia, and a thawed-out reindeer corpse may be to blame

By Ben Guarino July 28



Reindeer in the Russian peninsula of Yamal. (Siberian Times)

First a heatwave hit Siberia. Then came the anthrax.

Temperatures have soared in western Russia's Yamal tundra this summer. Across Siberia, some provinces warmed an additional [10 degrees](#) Fahrenheit beyond normal. In the fields, large bubbles of vegetation appeared above the melting permafrost — strange pockets of methane or, more likely, [water](#). Record [fires](#) blazed through dry Russian grassland.

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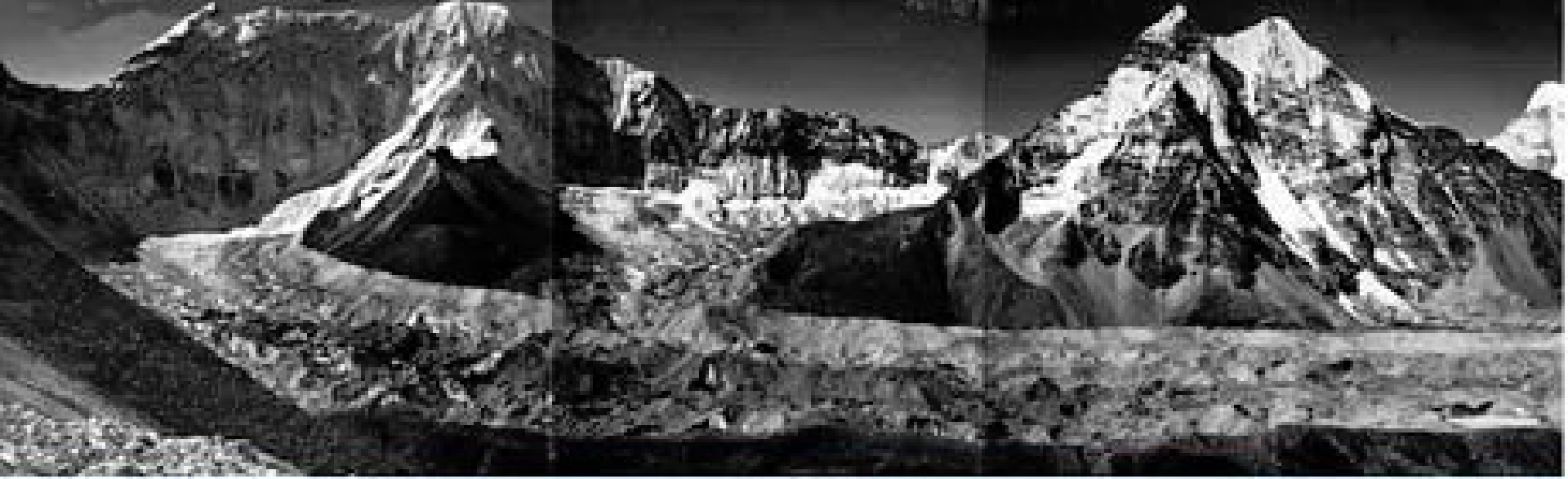
IMJA Glacier in
Himalayas

Gangotri Glacier



Andes Glacier



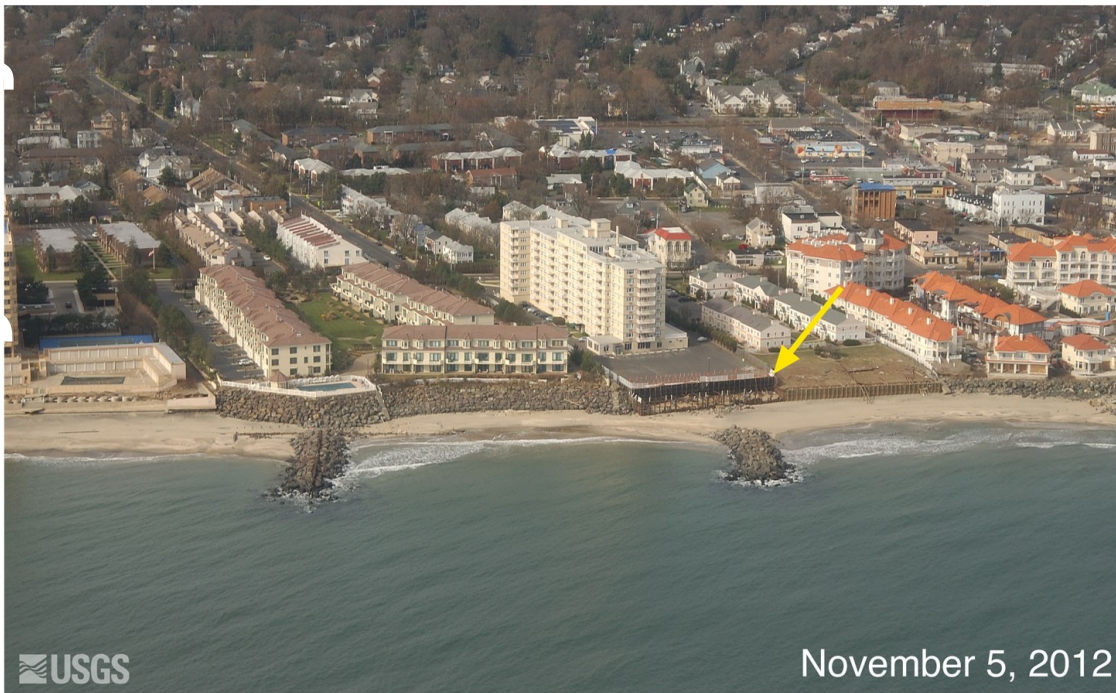


Himalayan Glacier

Mount Everest



New Jersey



New Jersey

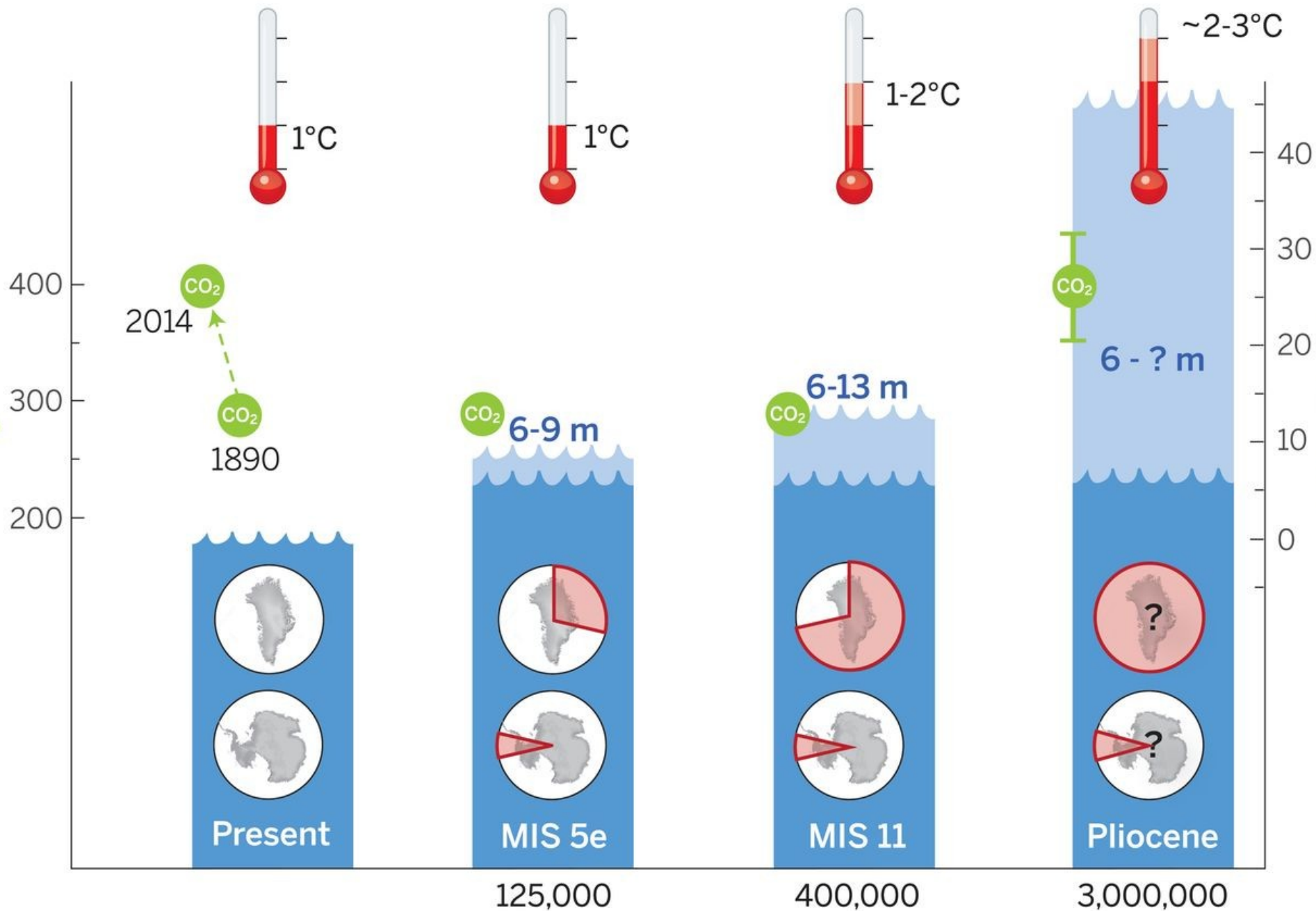


May 21, 2009



November 5, 2012

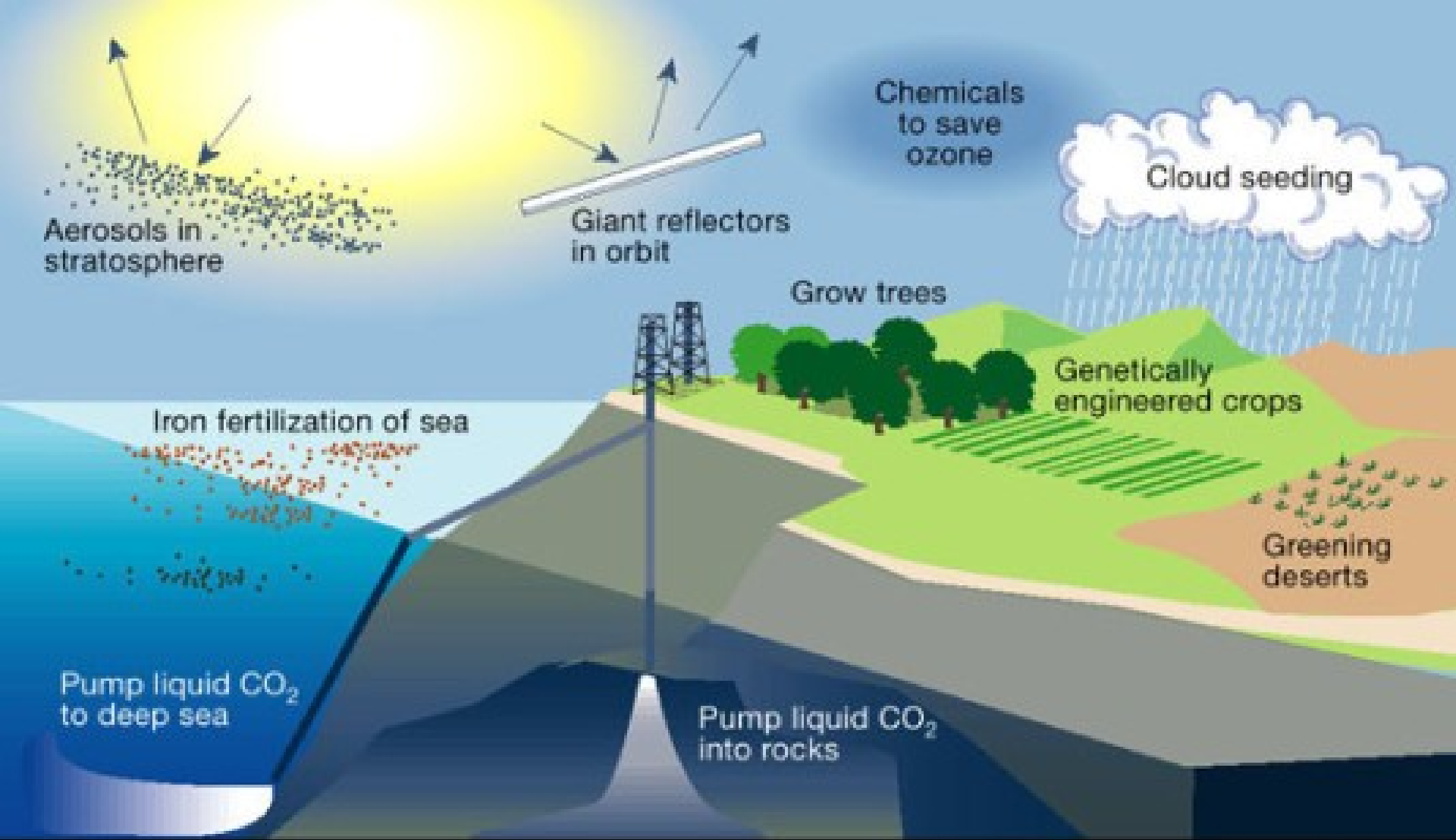
Temperature relative to preindustrial





Dinosaur Extinction

Was the result of not enough room on the ark.



Schematic representation of various climate-engineering proposals (courtesy B. Matthews).

तथाकथित उपाय