

Podnebne spremembe: vzroki in posledice

Climate Change: Causes and Effects

H₂O

C

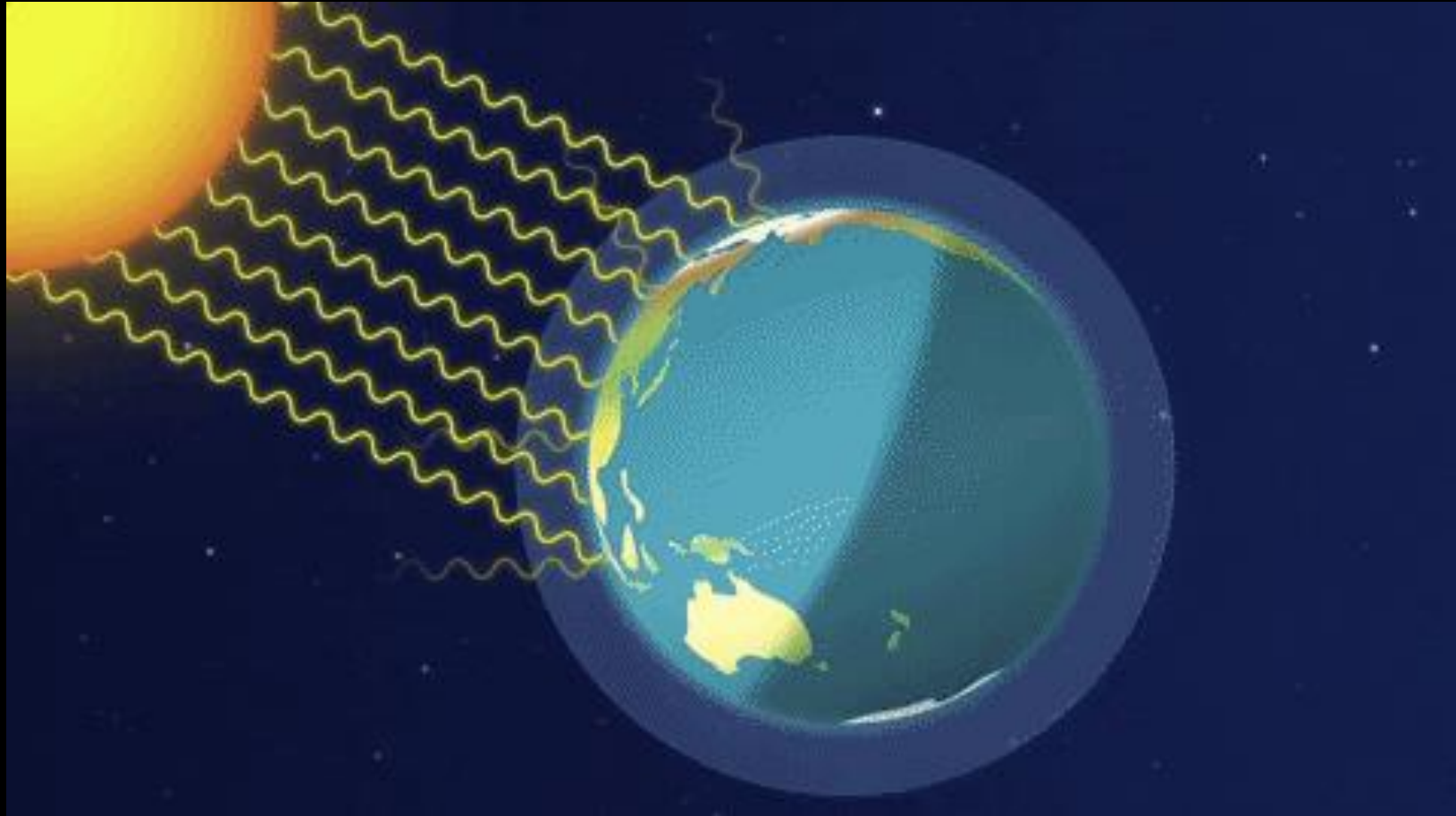
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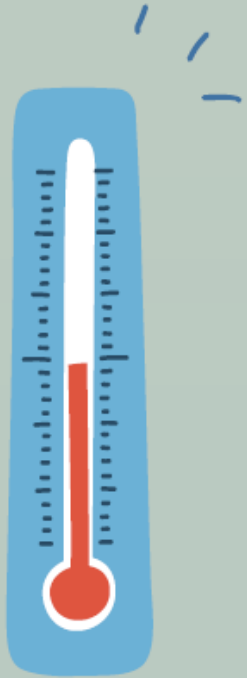
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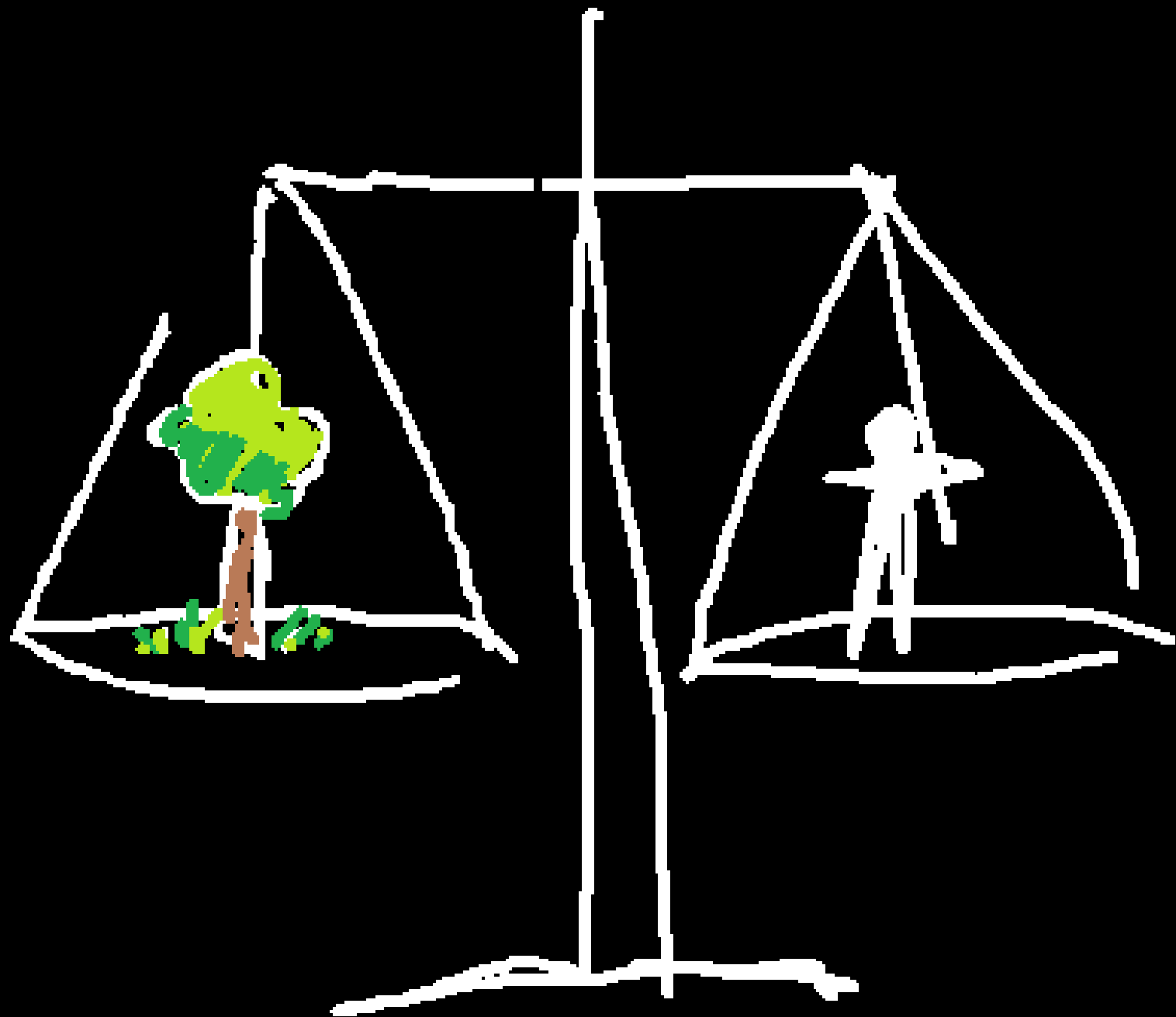
Učinek tople grede - Greenhouse effect



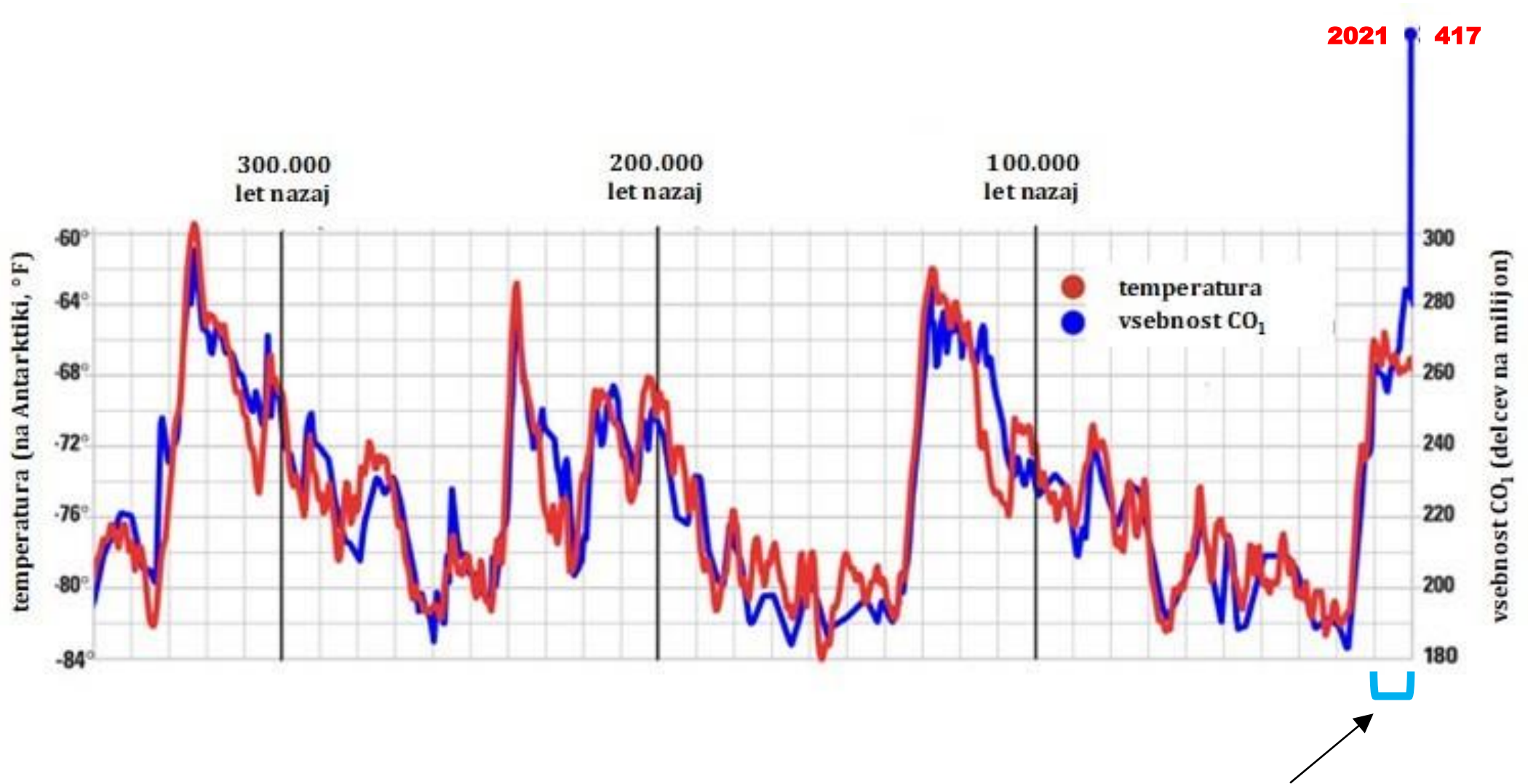
Povprečna temperatura na površju Zemlje - Average temperature on the Earth's surface

15°C



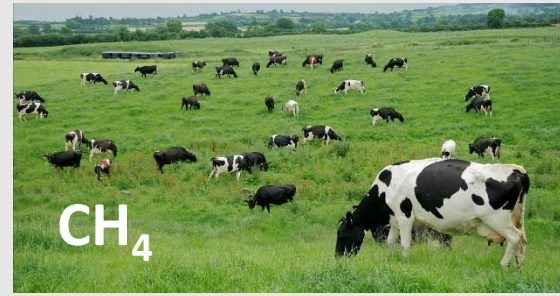


Temperatura zemeljskega površja in koncentracija CO₂ v atmosferi Earth's surface temperature and CO₂ concentration in the atmosphere

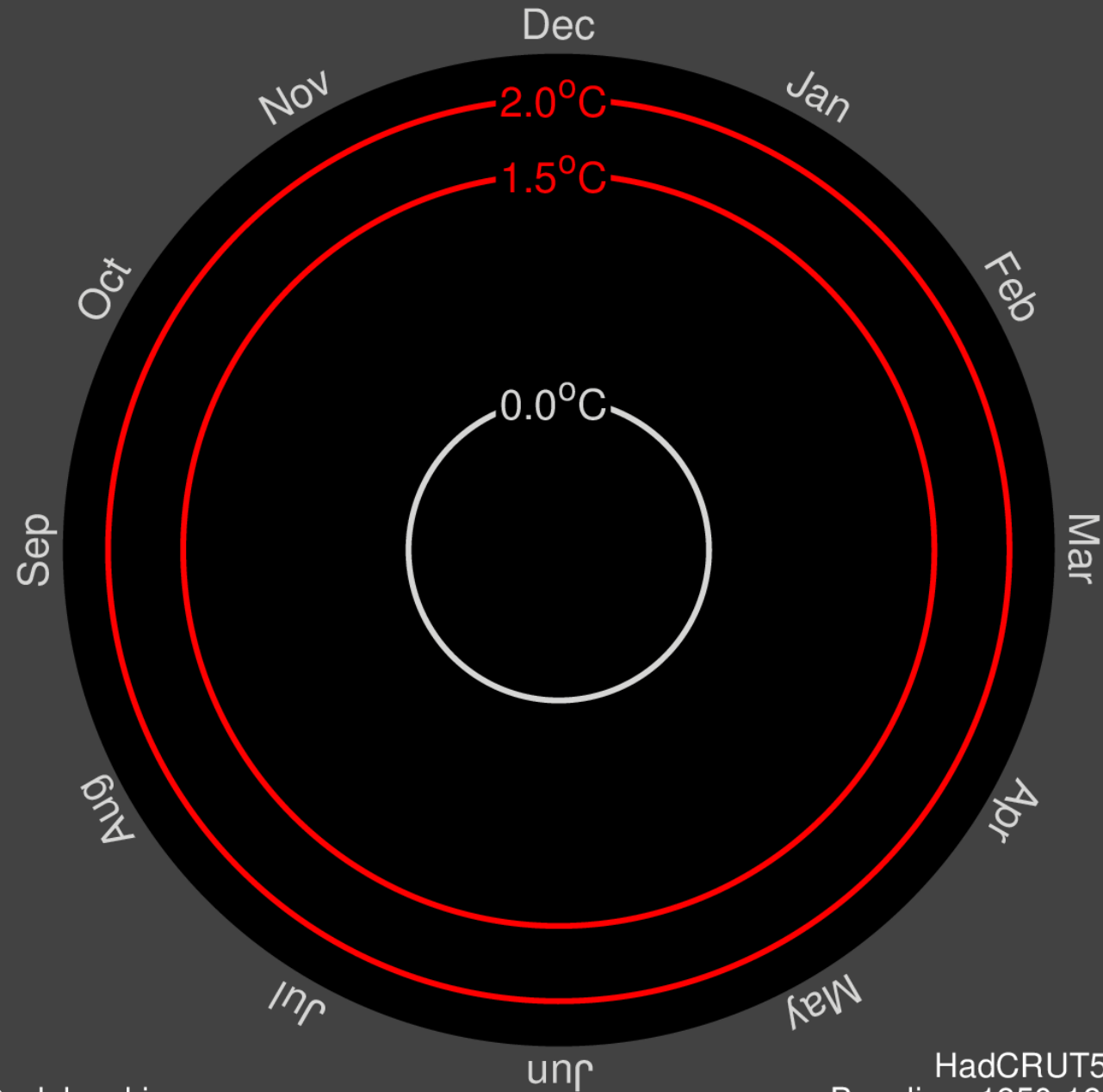


Vir: NASA

obdobje razvoja človeške civilizacije



Global temperature change (1850-2020)

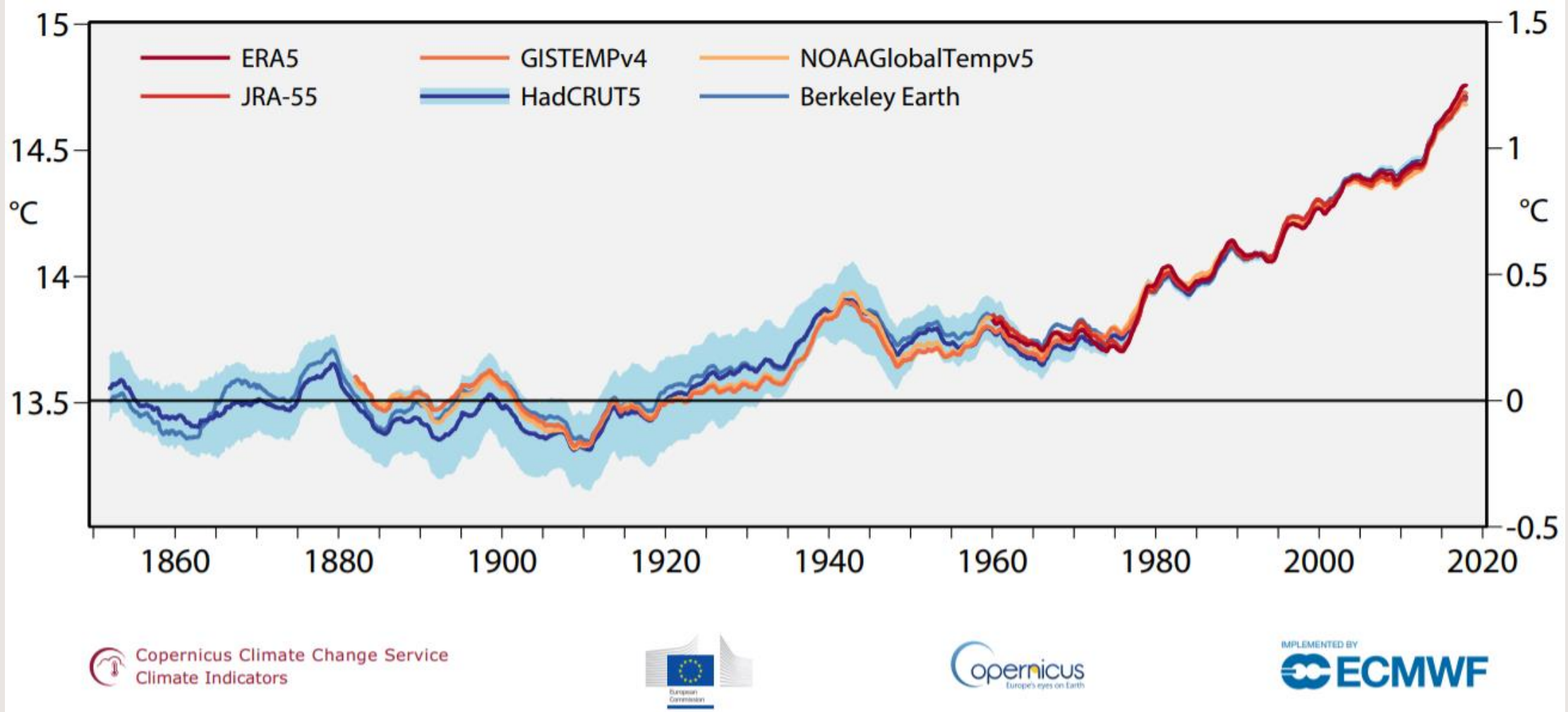


@ed_hawkins

HadCRUT5.0
Baseline: 1850-1900

Povprečna temperatura ozračja se je v primerjavi s predindustrijskim obdobjem 1850-1900 povišala za 1,2 °C

The average temperature of the atmosphere has already risen by 1.2 degrees compared to the pre-industrial era





Temperature Anomalies by Country

Years 1880 - 2017

2017

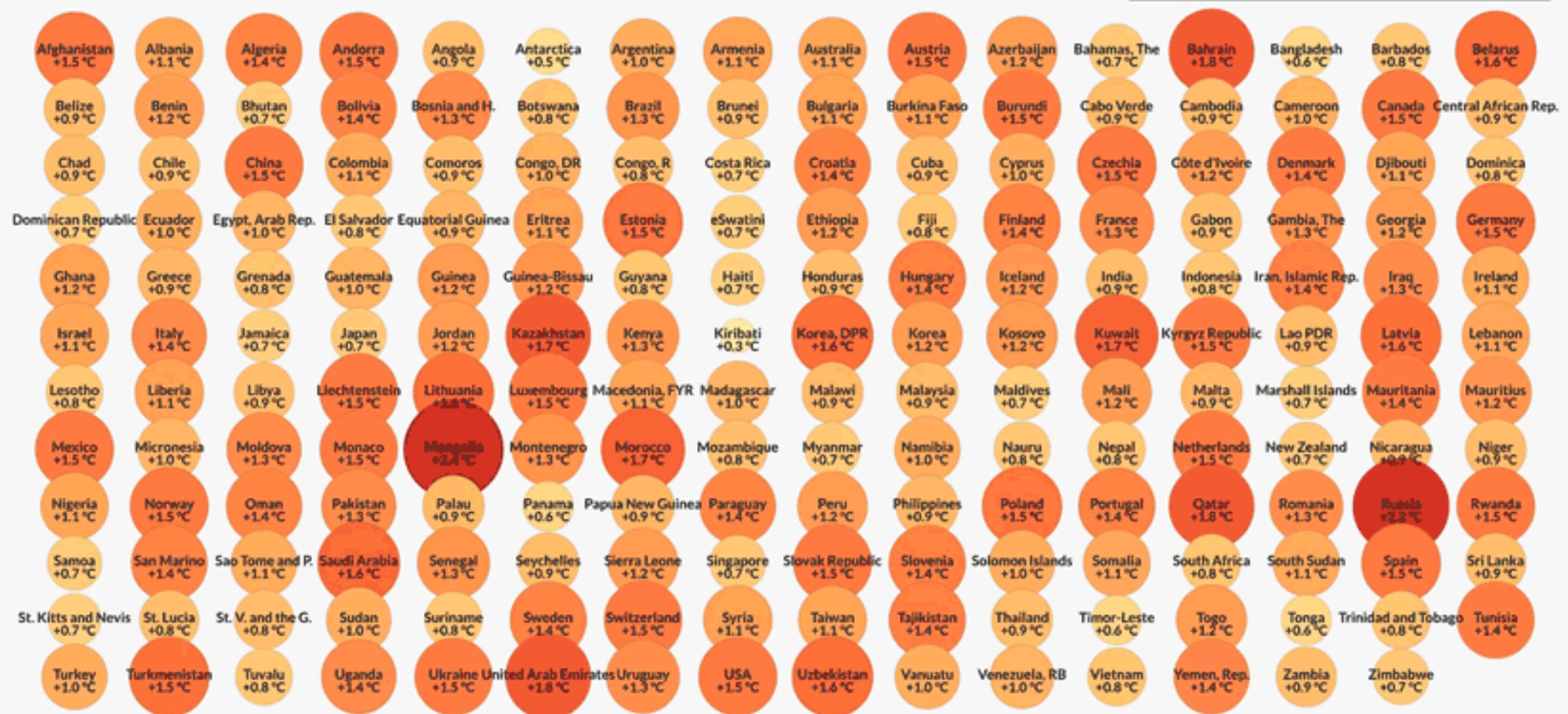


Data Source:
 NASA GISS, GISTEMP Land-Ocean Temperature Index (LOTI), ERSSTv5, 1200km smoothing
<https://data.giss.nasa.gov/gistemp/>
 Average of monthly temperature anomalies. GISTEMP base period 1951-1980.

Video license: CC-BY-4.0
 Antti Lipponen (@anttilip)

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Video license: CC-BY-4.0
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Taljenje arktičnega morskega ledu - Melting Arctic sea ice

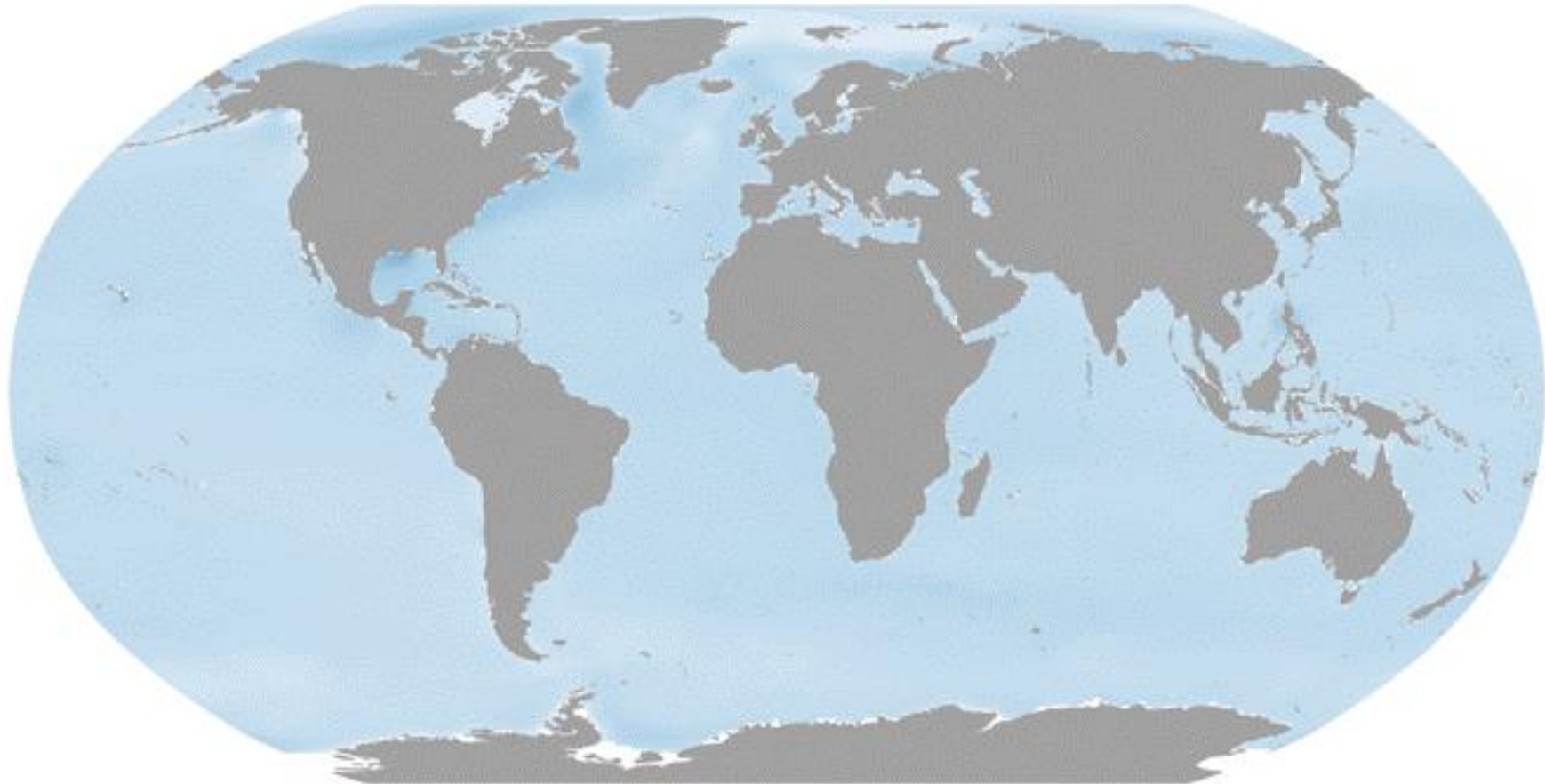


Dvig morske gladine – Sea level rise



Projected sea level rise

2021-2040



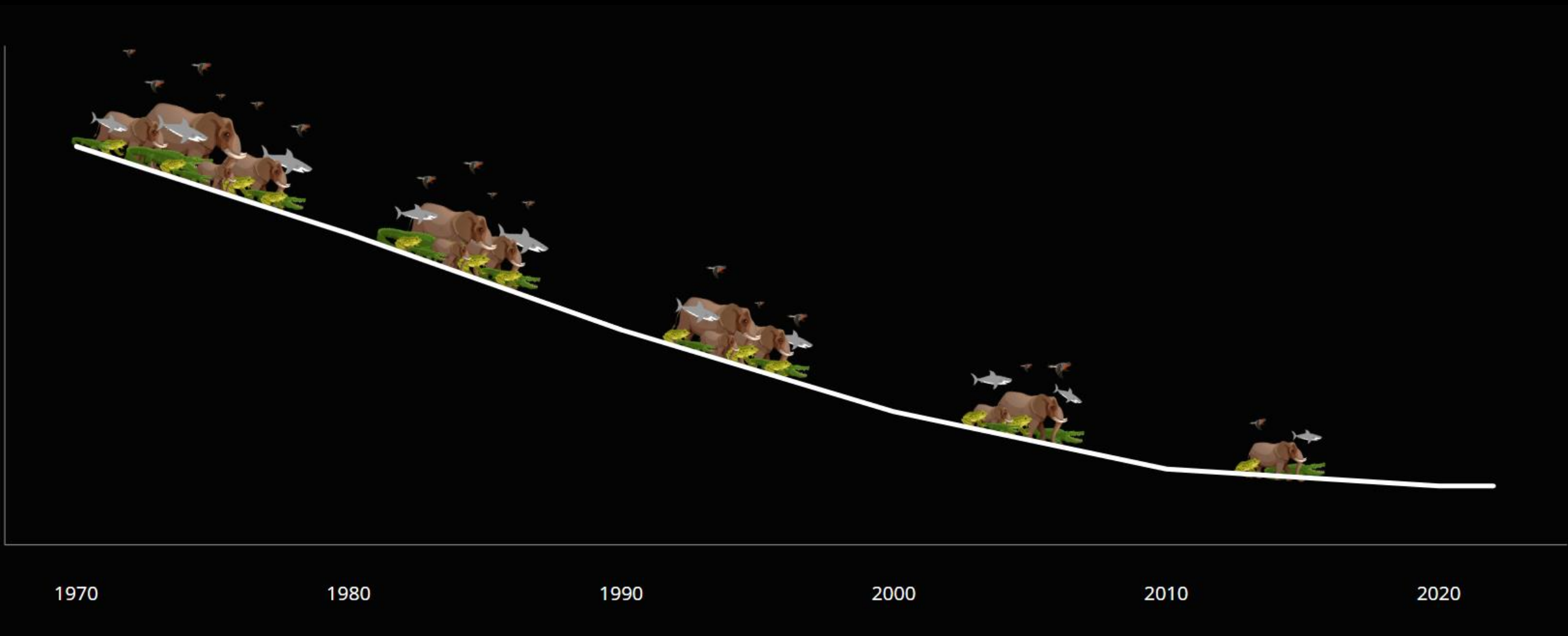
Sea level rise from the period 1995-2014 simulated under the SSP2-4.5 climate change scenario.
Source: *Interactive Atlas*, Sixth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) 2021.

Zakisljevanje oceanov - Ocean acidification





Izguba biotske raznovrstnosti - Loss of biodiversity

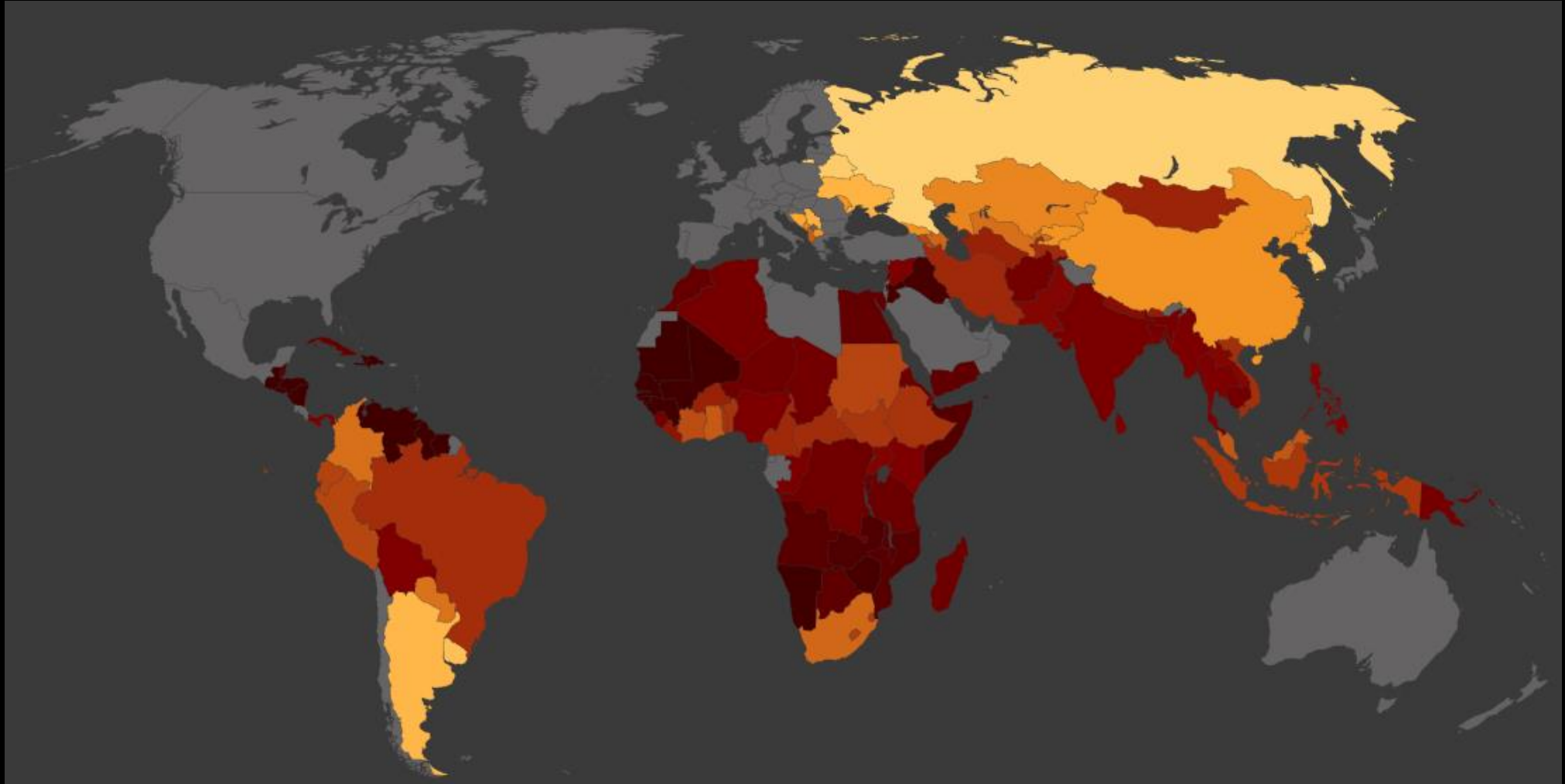


Pogostejši in močnejši ekstremni vremenski dogodki

More frequent and stronger extreme weather events



Ogrožena zanesljivost oskrbe s hrano - The security of the food supply is at risk



Podnebne migracije - Climate migration







UMAN  TERA

Slovenska fundacija za trajnostni razvoj



BEYOND THE TALES

Onkraj zgodb

CEPS Projectes Socials
<http://www.asceps.org>



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