

# KLIMATSKA KRIZA

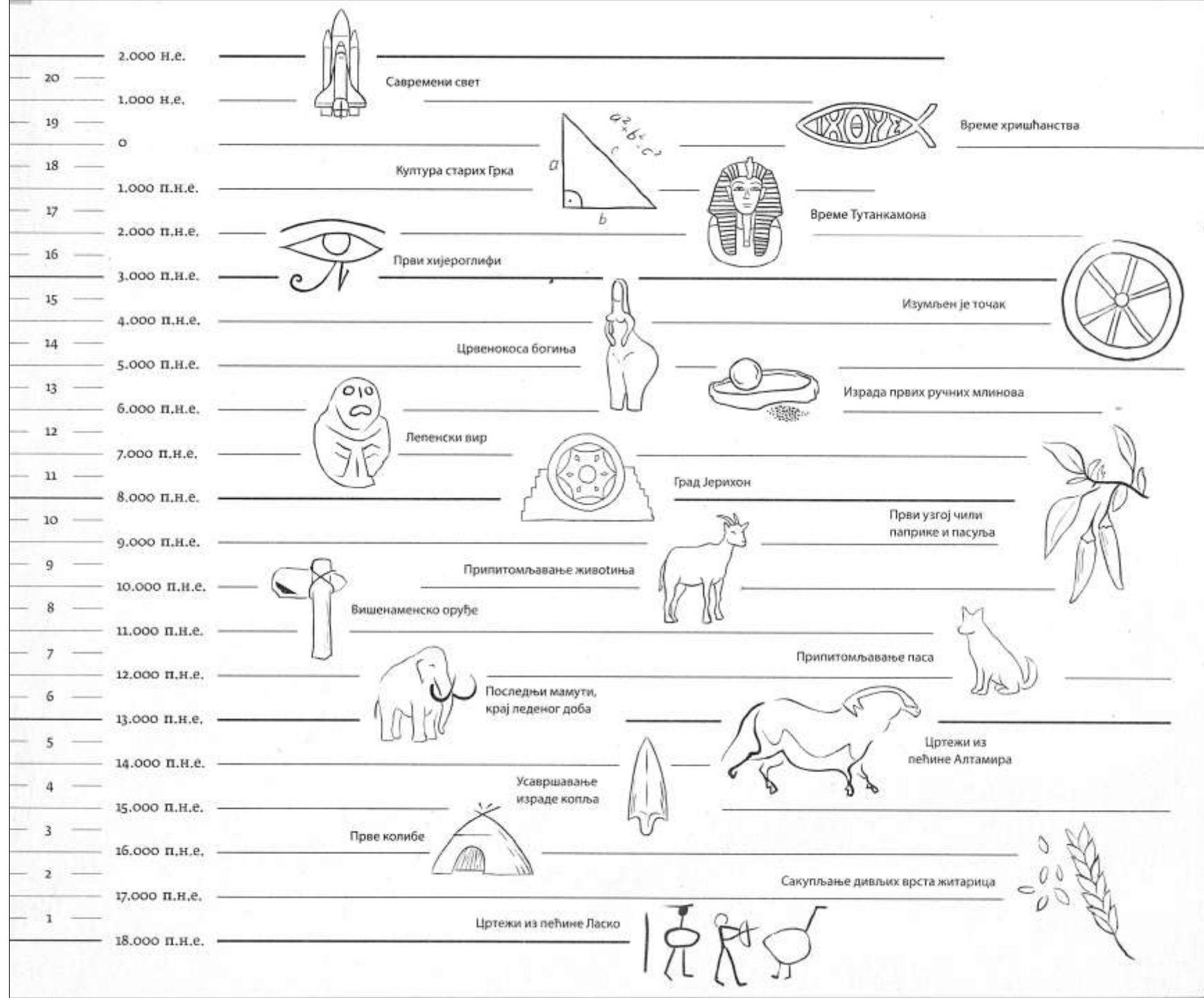
KA ZELELENIM  
MUZEJIMA I  
GALERIJAMA



Za nastanak 1 cm zemljišta  
potrebno je da prođe od 100 do  
1000 godina

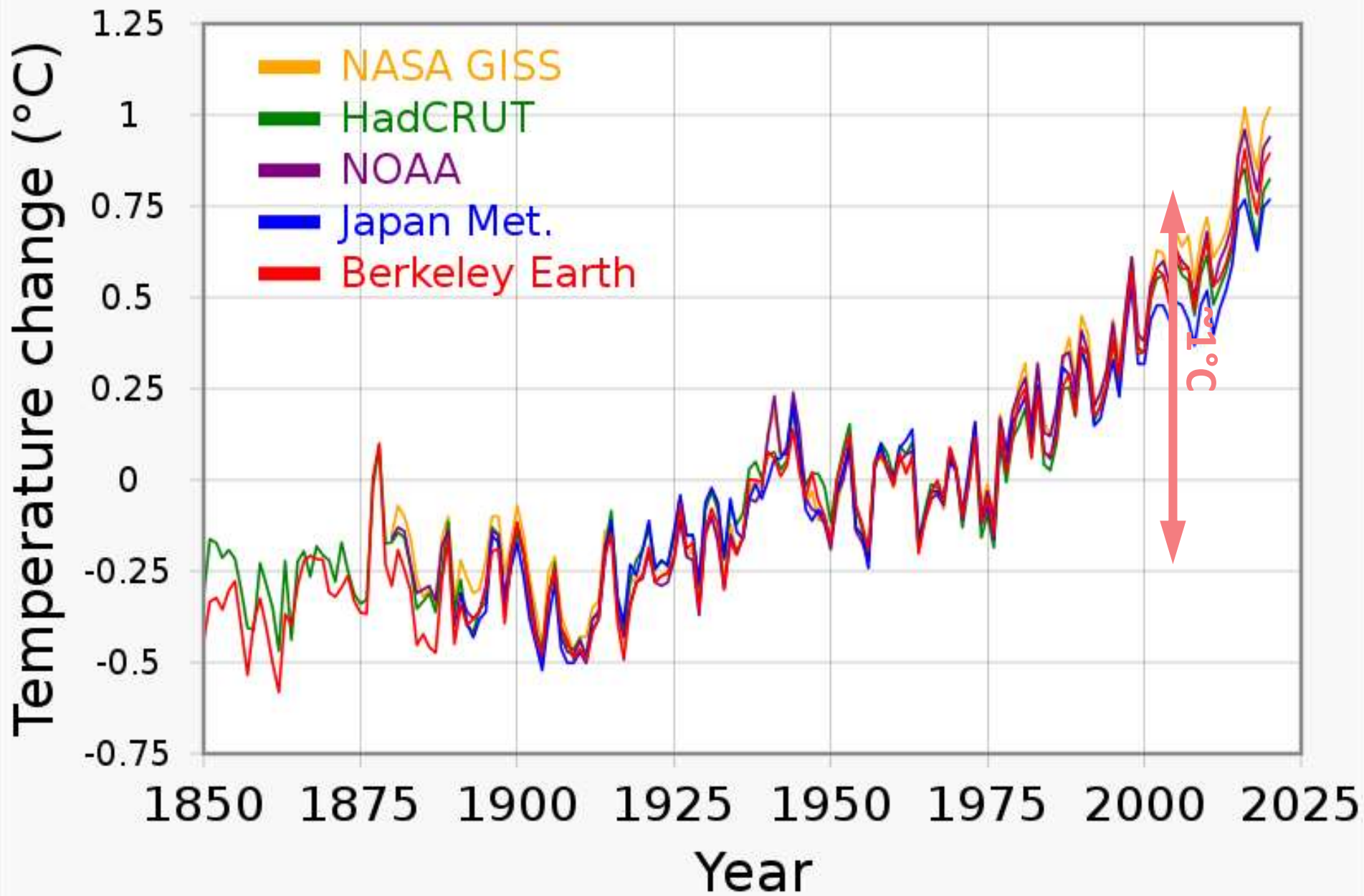


Novi Sad, 2019





# Global average temperature change







$CO_2$



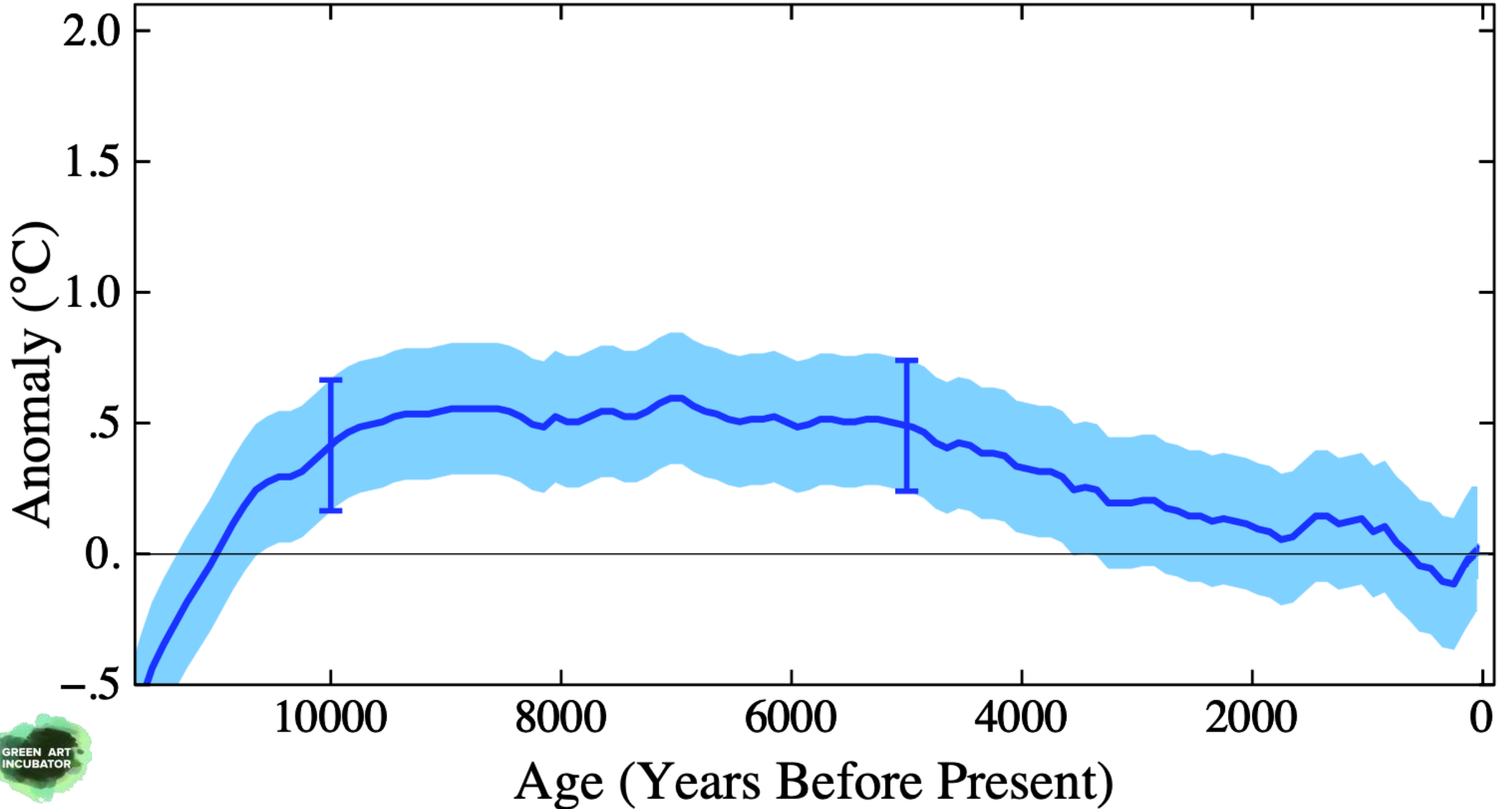




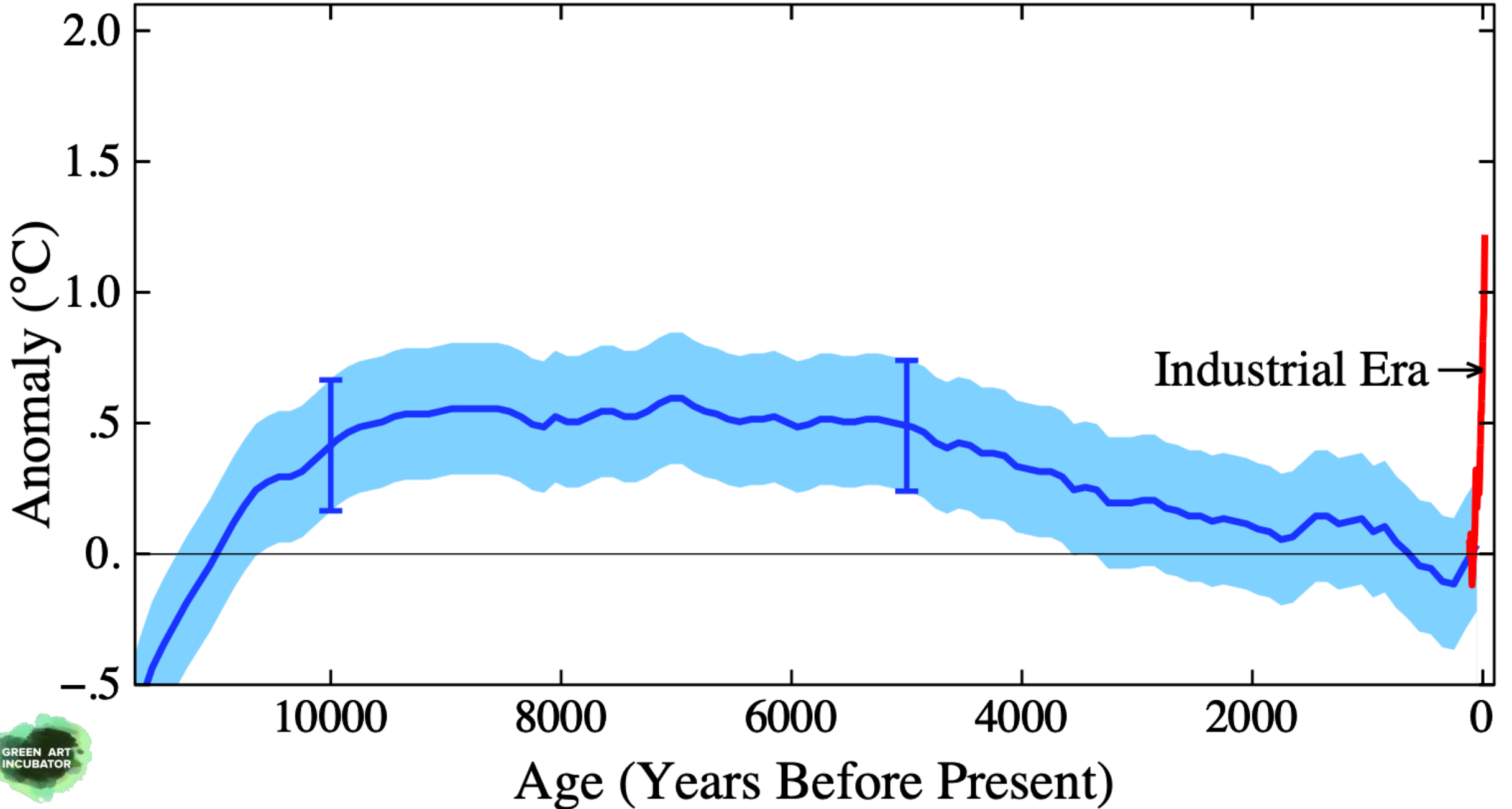




# Promena globalne temperature poslednjih ~12000 godina (Holocen)

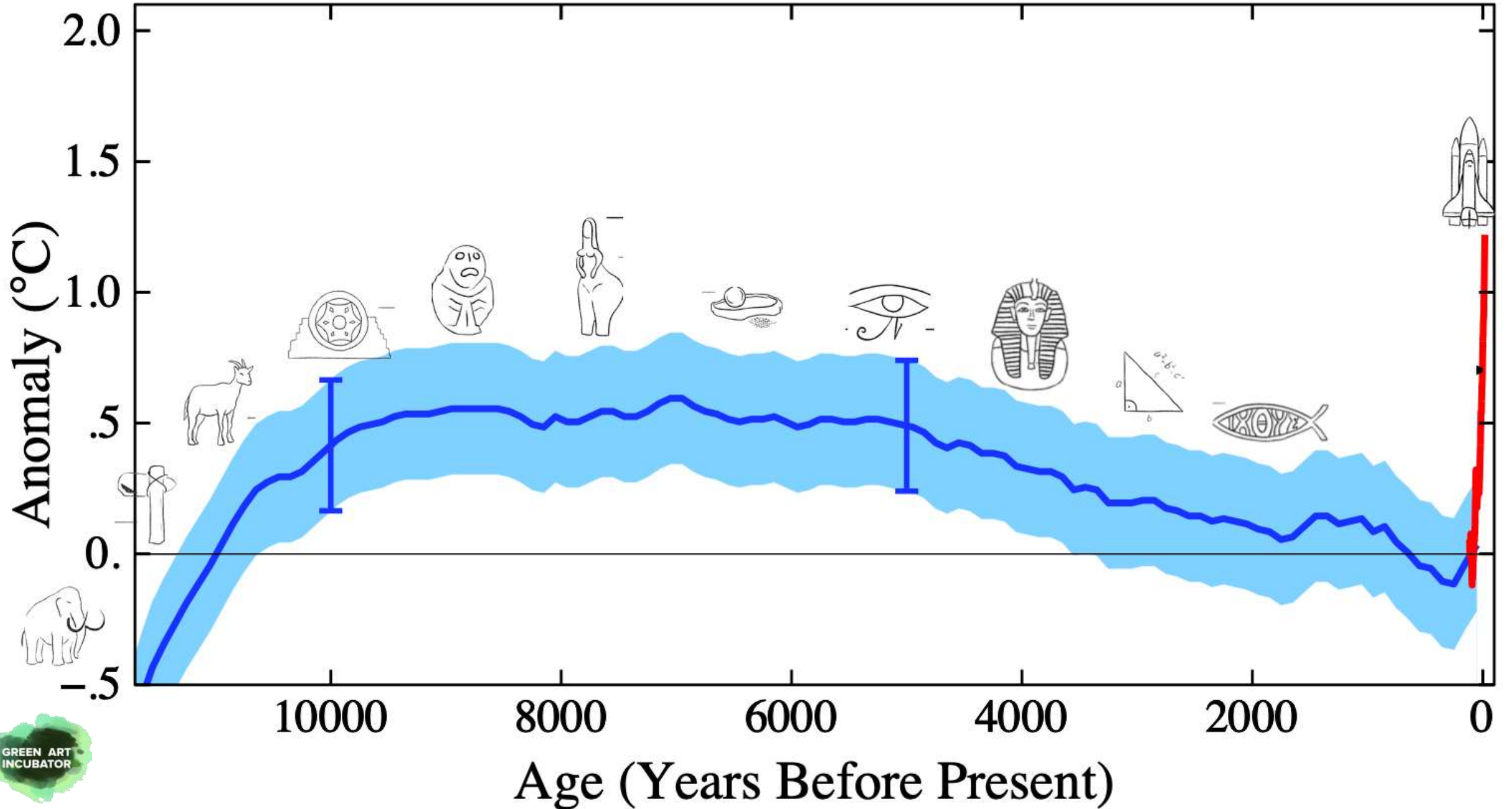


# Promena globalne temperature poslednjih ~12000 godina (Holocen)





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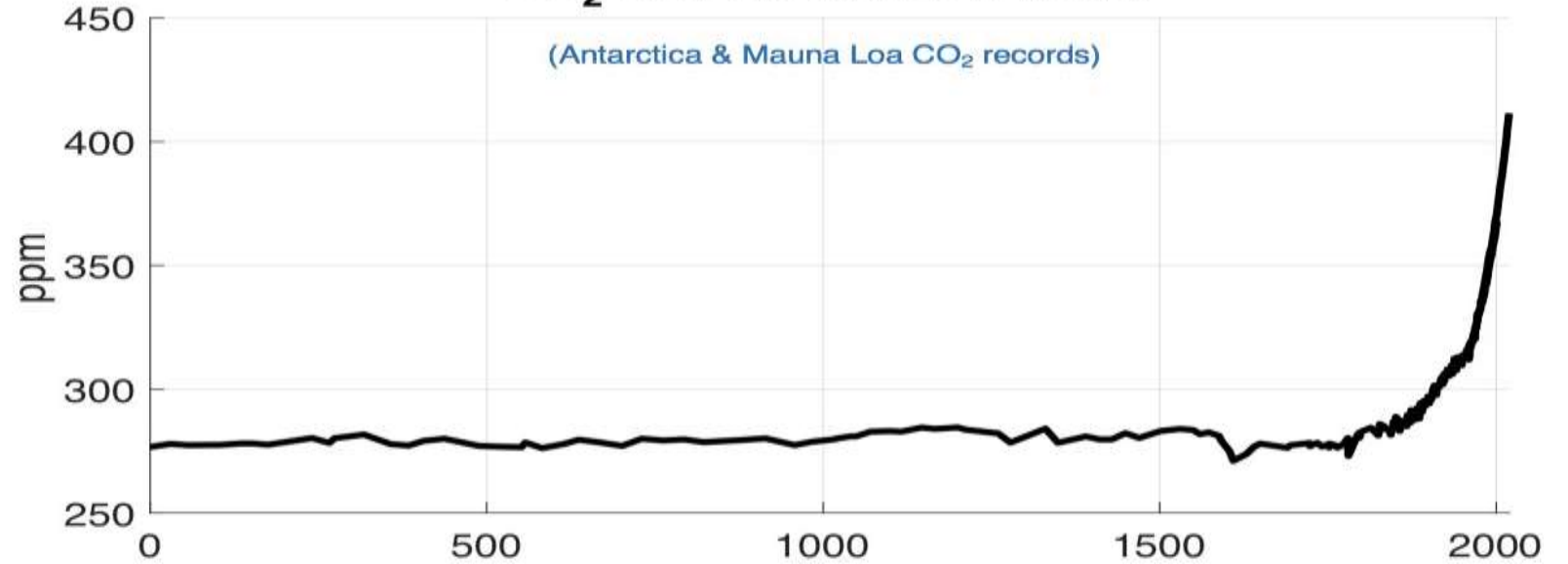




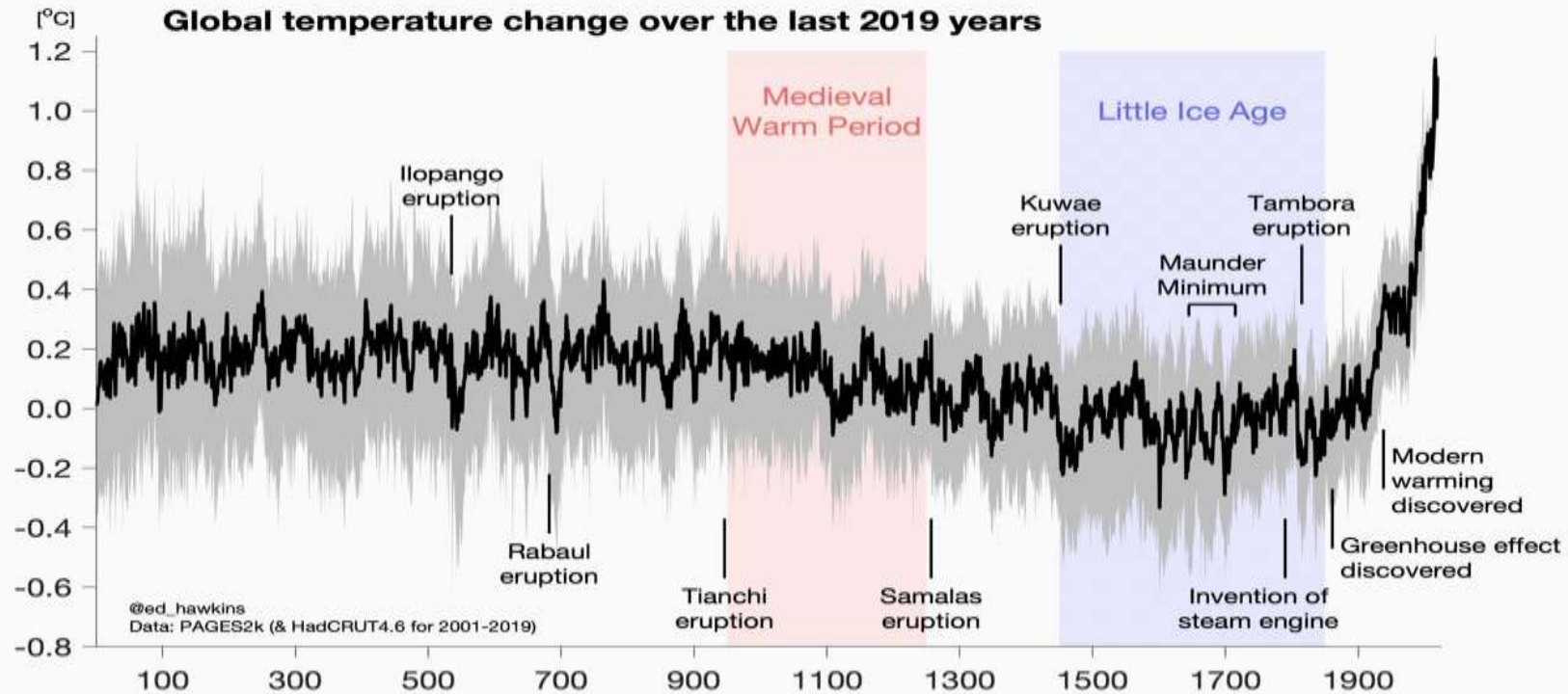
# CO<sub>2</sub>

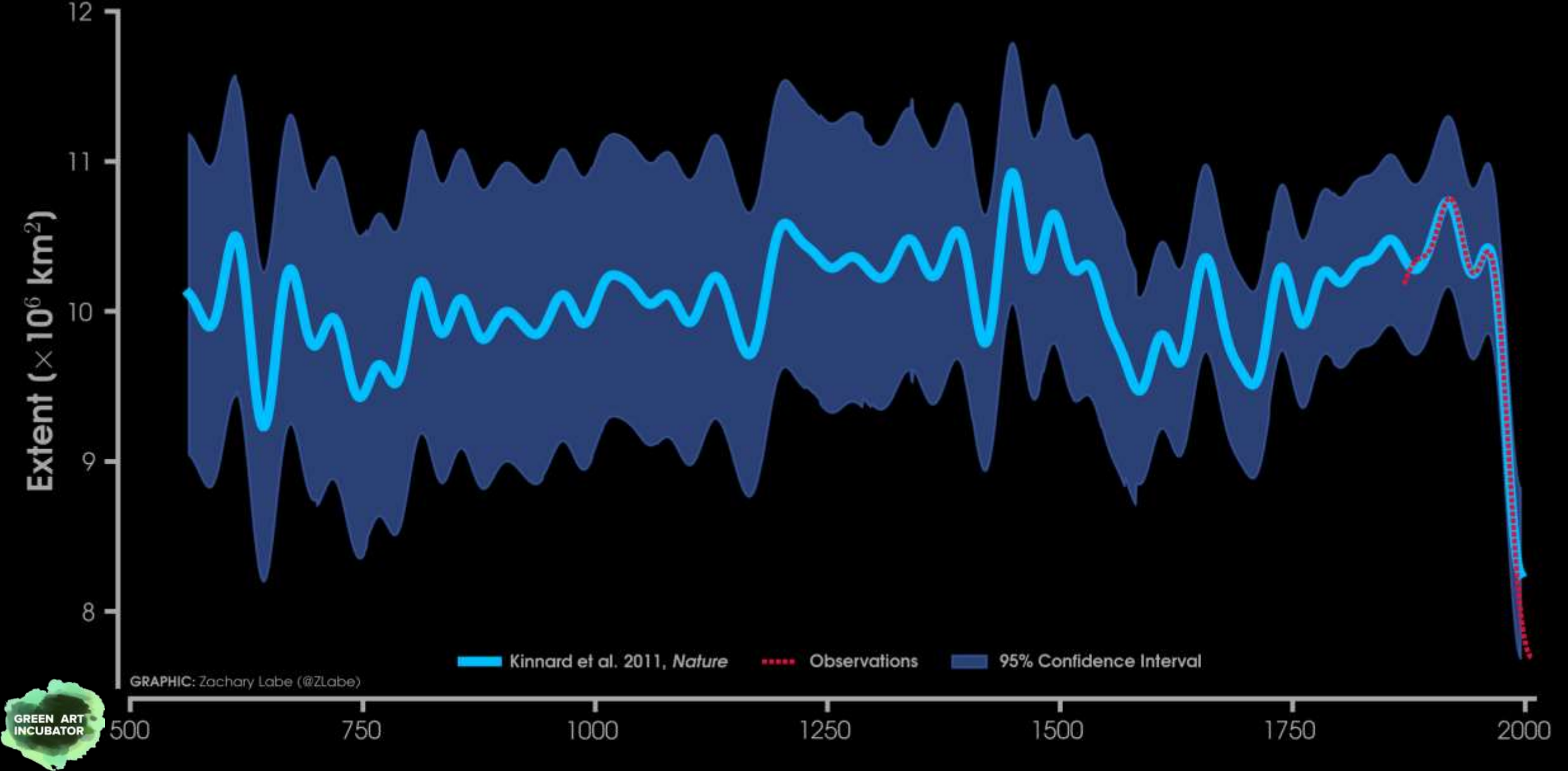
# Globalna Temperatura (poslednjih 2000 g.)

### CO<sub>2</sub> over the last 2019 years



### Global temperature change over the last 2019 years





Reconstructed late-summer (August) Arctic sea ice extent during the last 1450 years. Sea ice extent data have been smoothed using a 40-year running mean (light blue). The shading shows the 95% confidence interval (dark blue). Smoothed observational data are compared using a dashed line (red). This figure is reproduced from Figure 3a in Kinnard et al. 2011 (*Nature*: <https://www.nature.com/articles/nature10581>).





I'm not a robot



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Privacy - Terms

Select all squares with  
climate emergencies.



Report a problem

Verify



1.4-

1.0-

0.8-

0.6-

0.4-

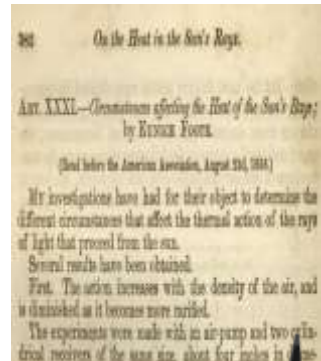
0.2-

0.0-

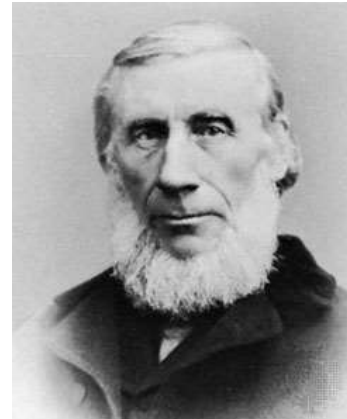
-0.2-



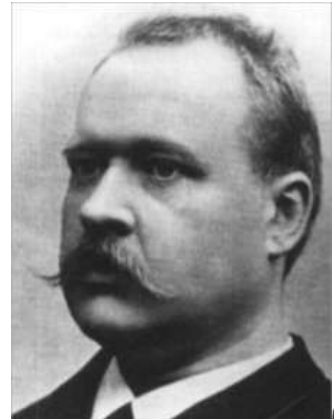
Joseph Fourier  
~1820



Eunice Foote  
1856



John Tyndall  
1859



Svante Arrhenius  
1896



Guy Callendar  
1937



Shukuro Manabe  
1966



James Hansen  
1981

1850

1875

1900

1925

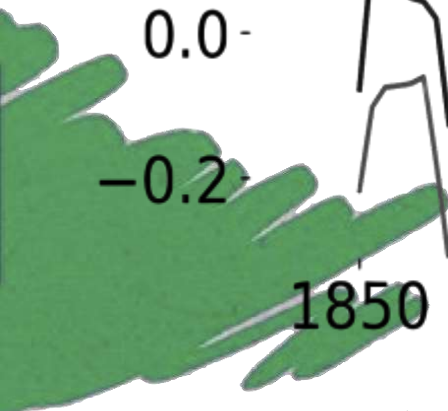
1950

1975

2000

2

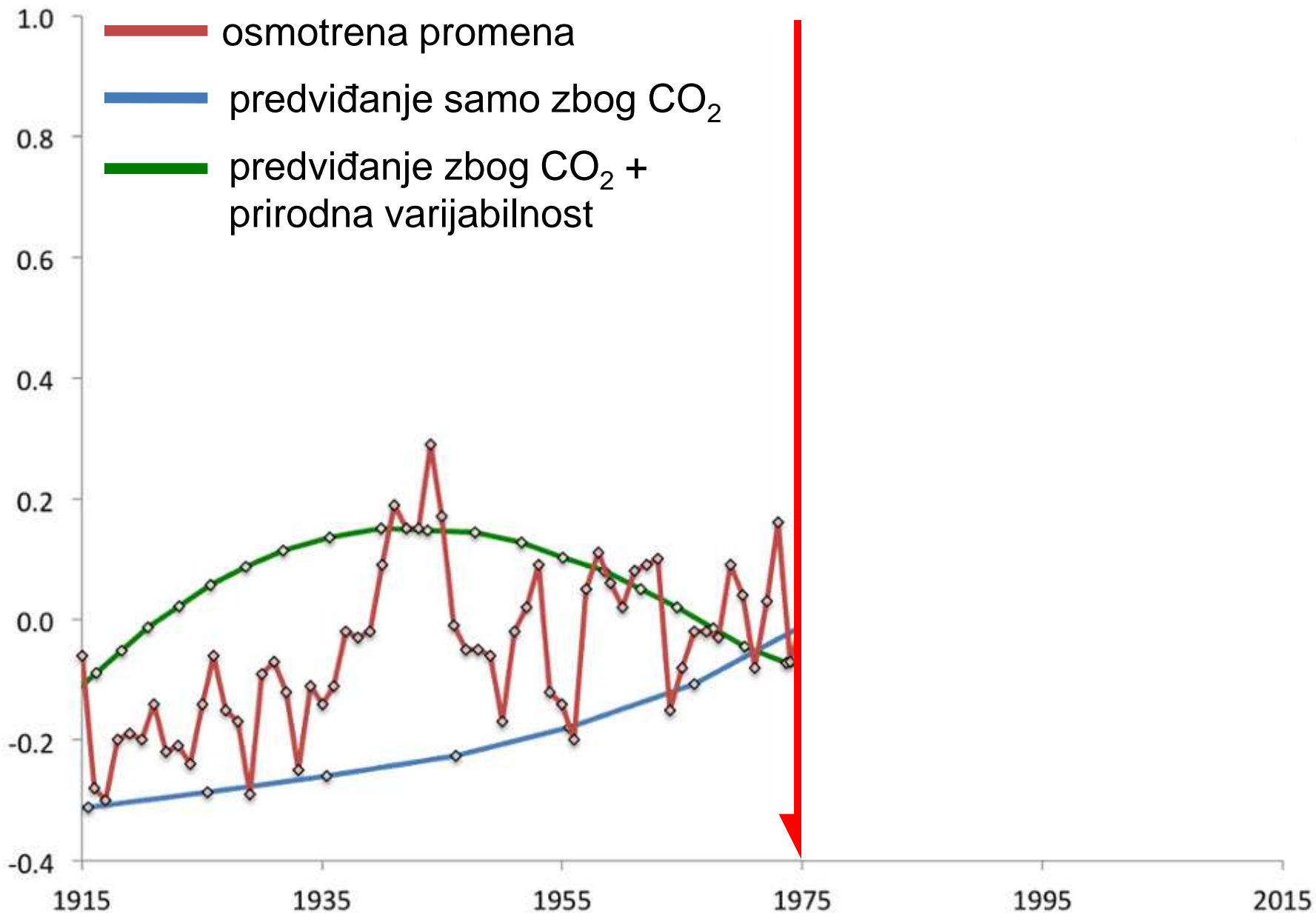
Year





# Broecker 1975

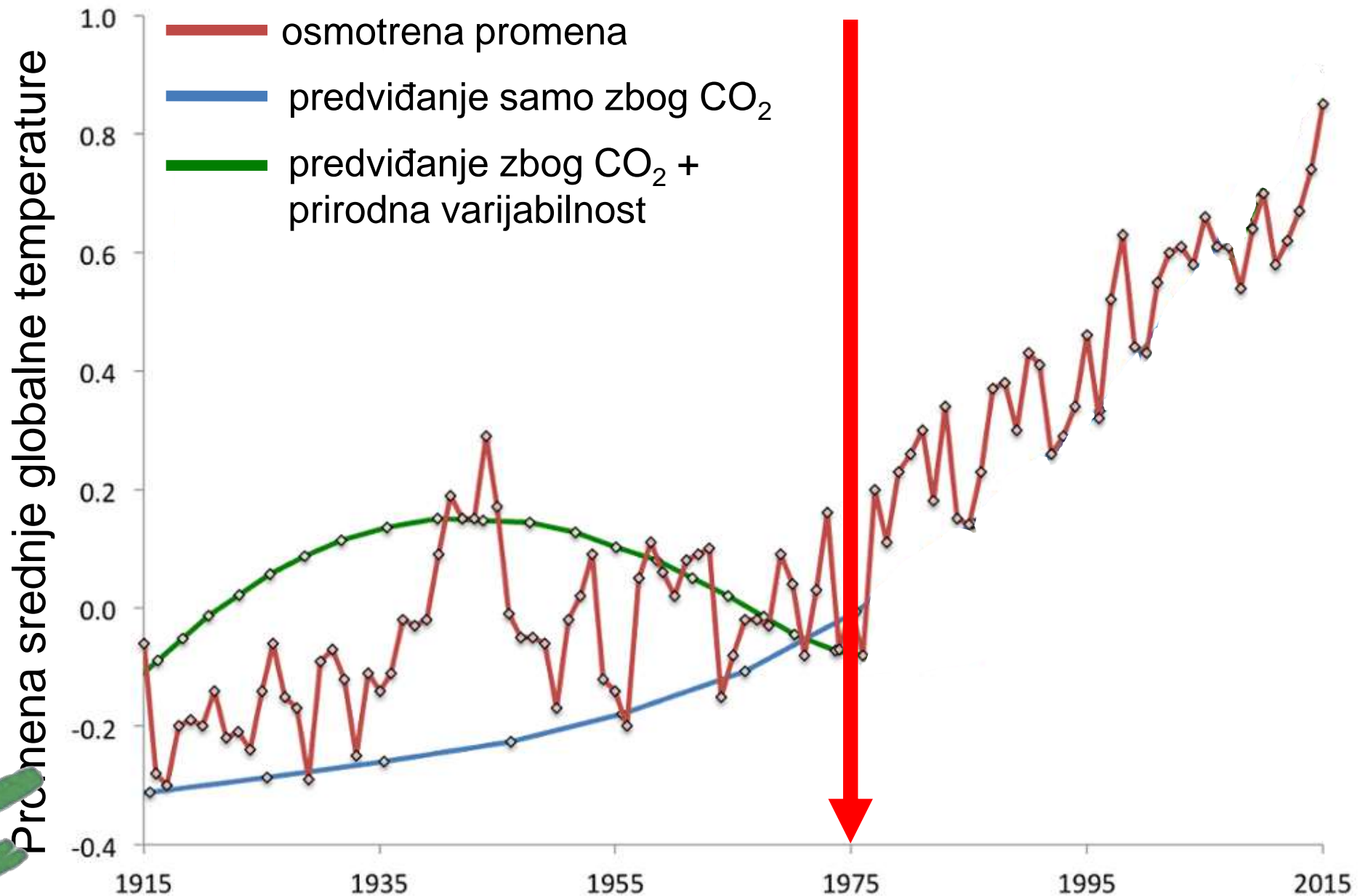
Promena srednje globalne temperature







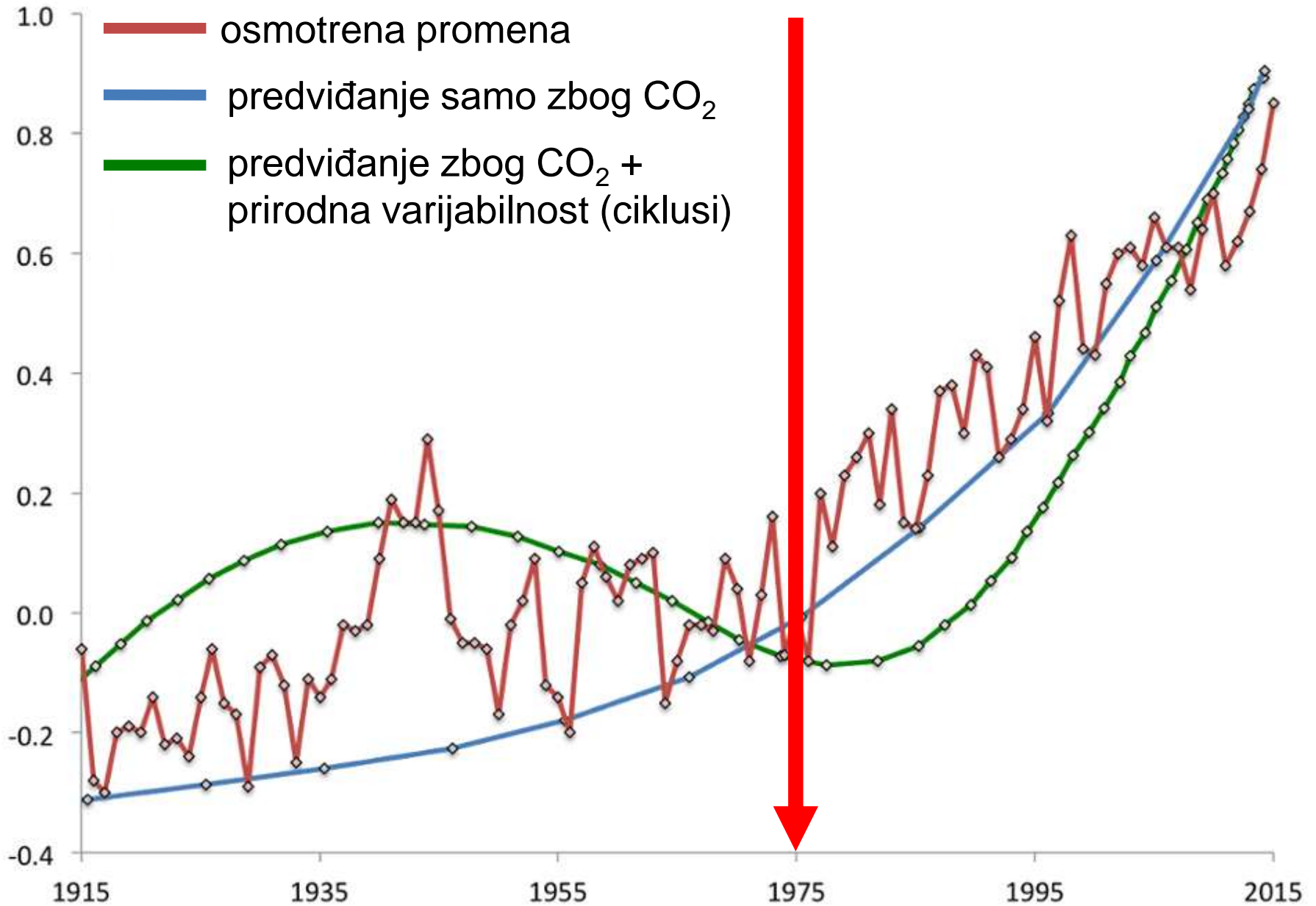
# Broecker 1975





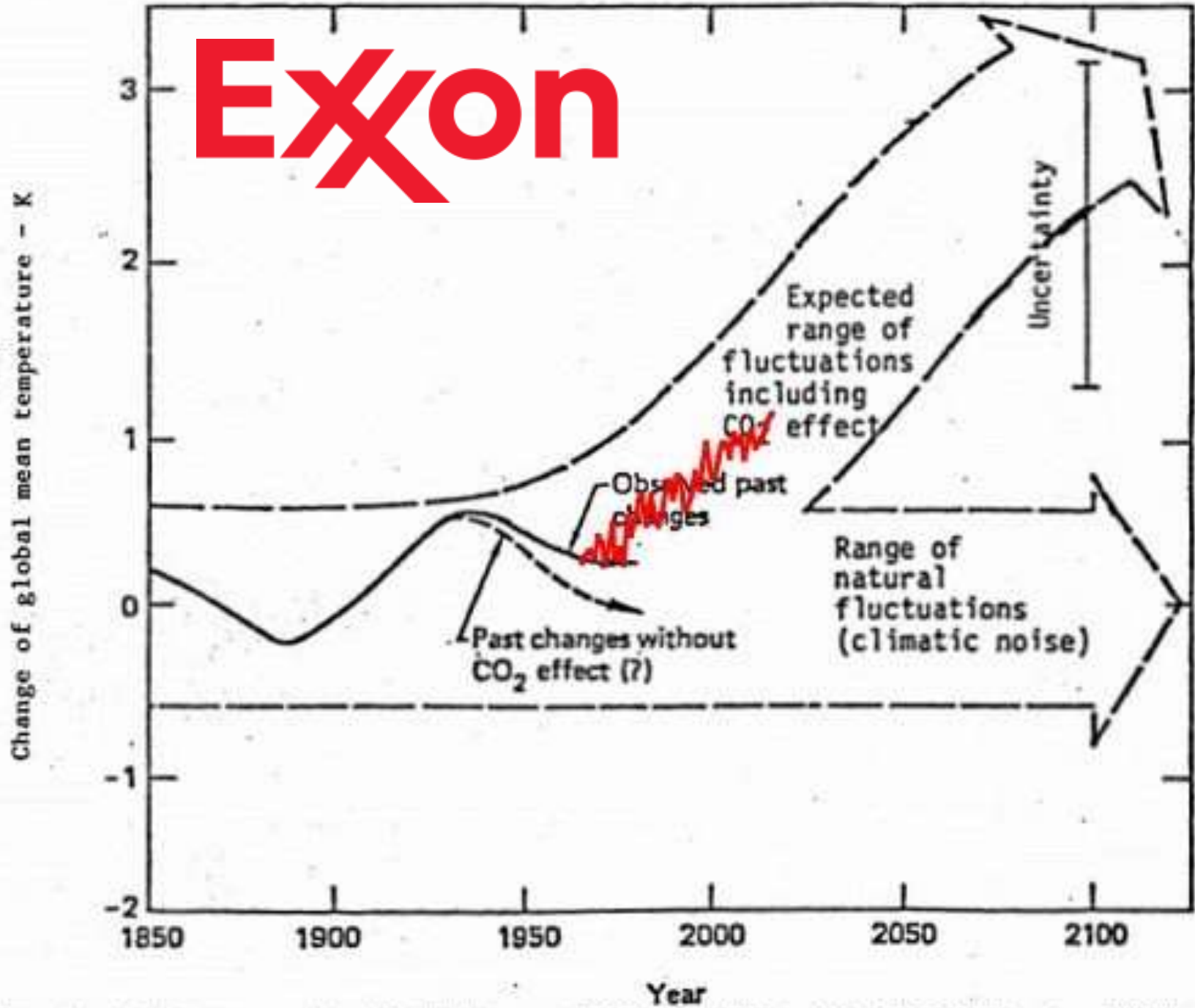
# Broecker 1975

Promena srednje globalne temperature





# Exxon

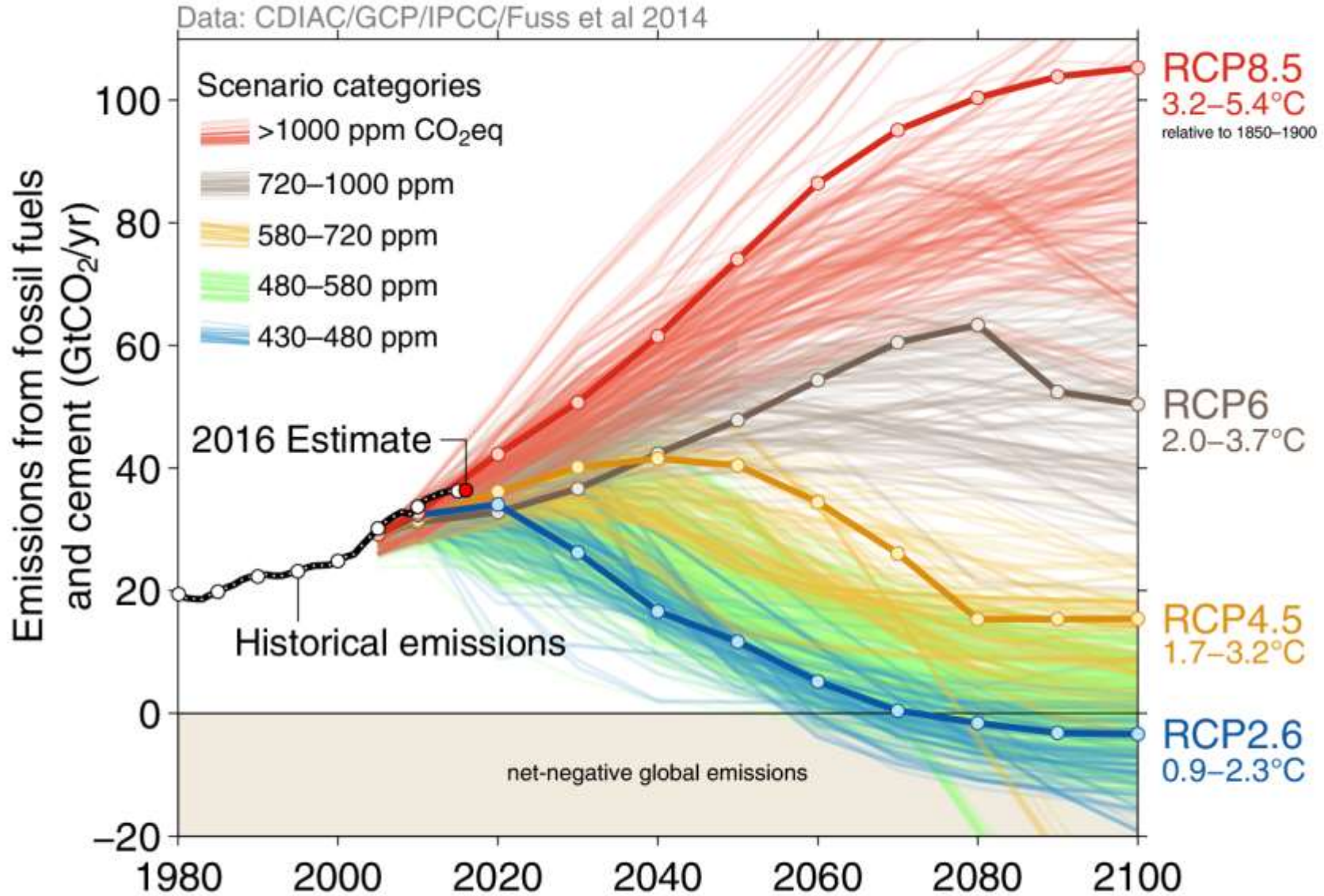






# Future emission scenarios

“BAU” scenario   
“Paris agreement” 

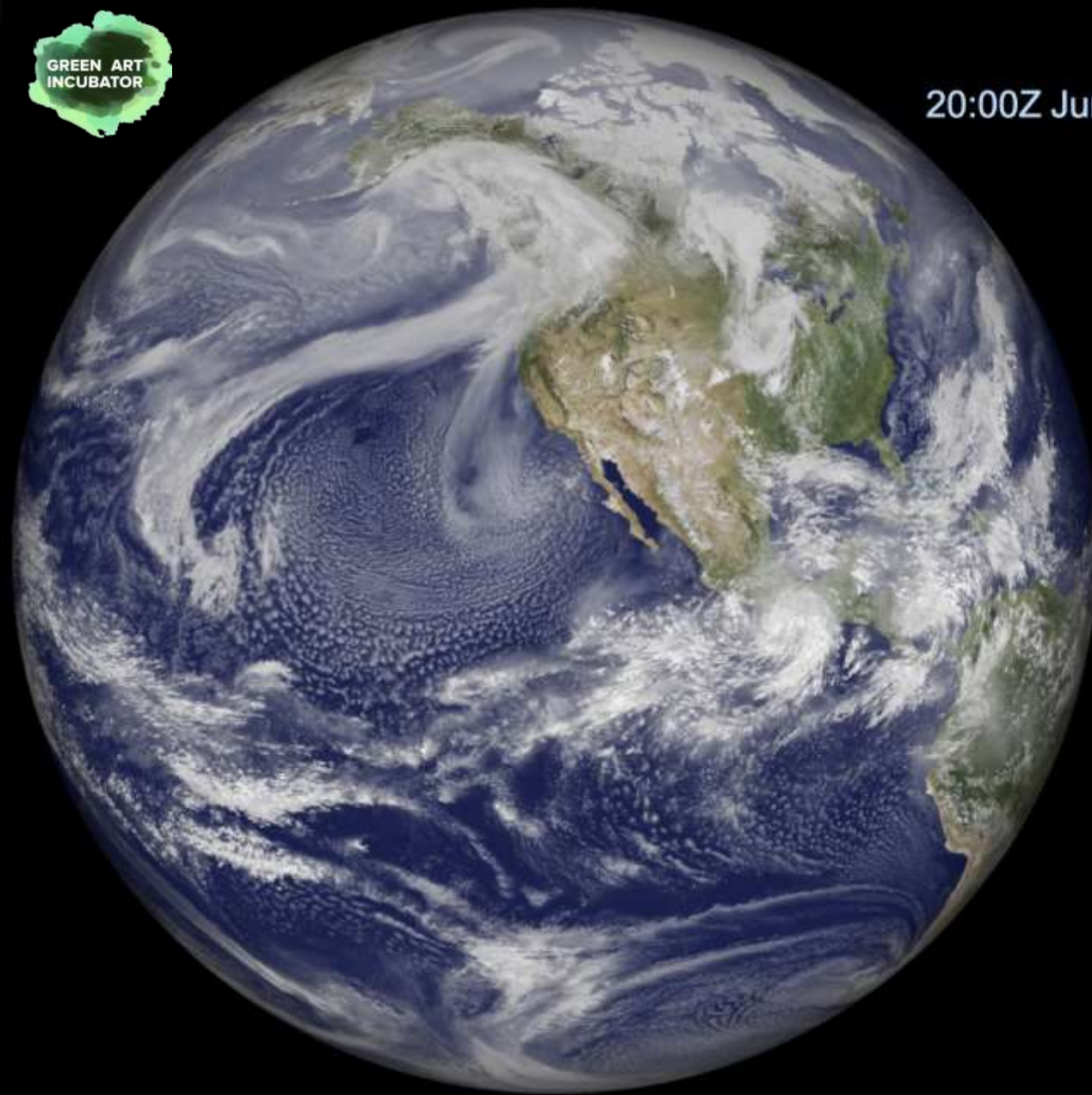


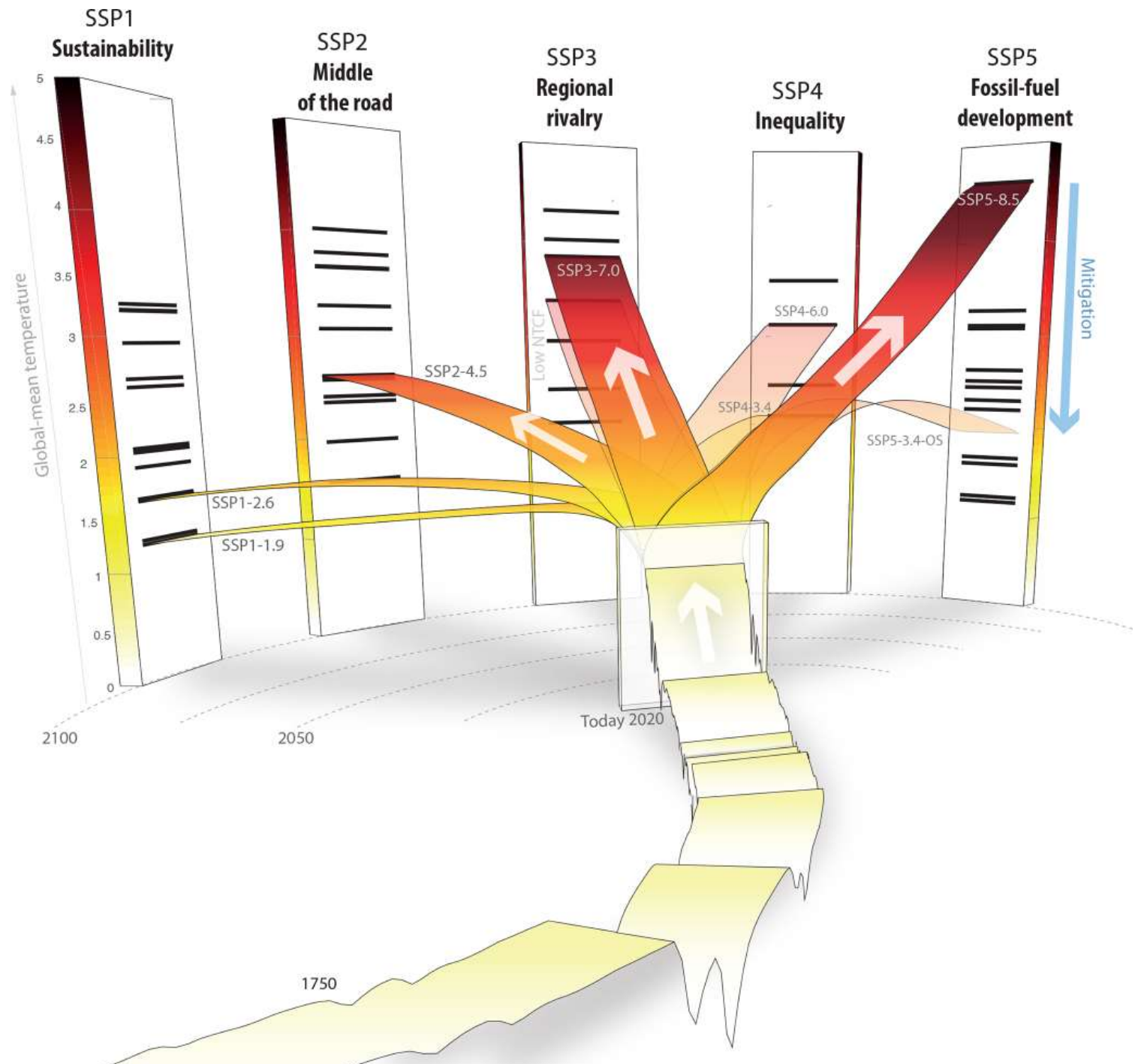


# 1.5-km Global Cloud-Resolving Simulations with GEOS-5



20:00Z June 16, 2012

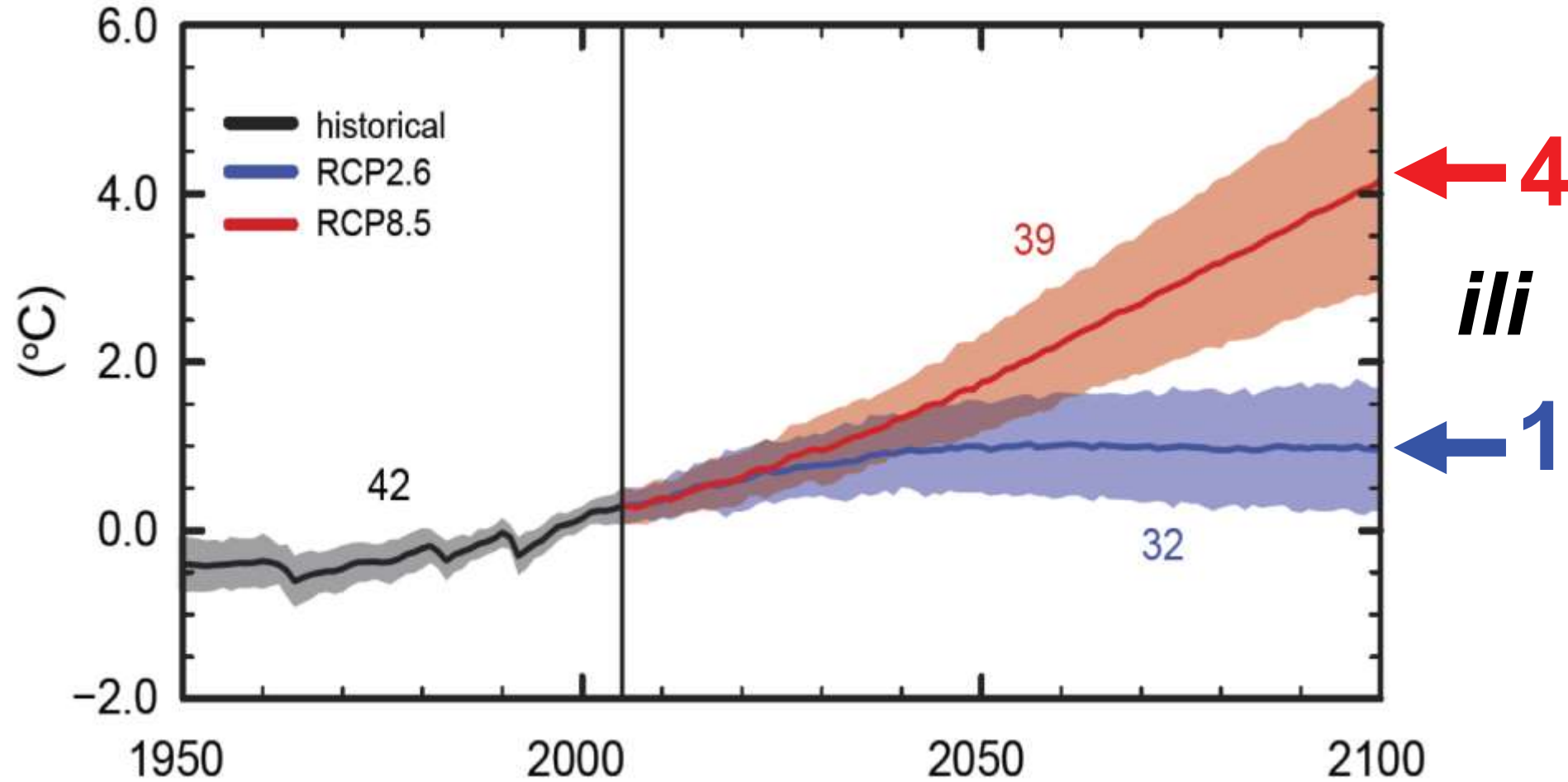








# Promena srednje globalne temperature do 2100.



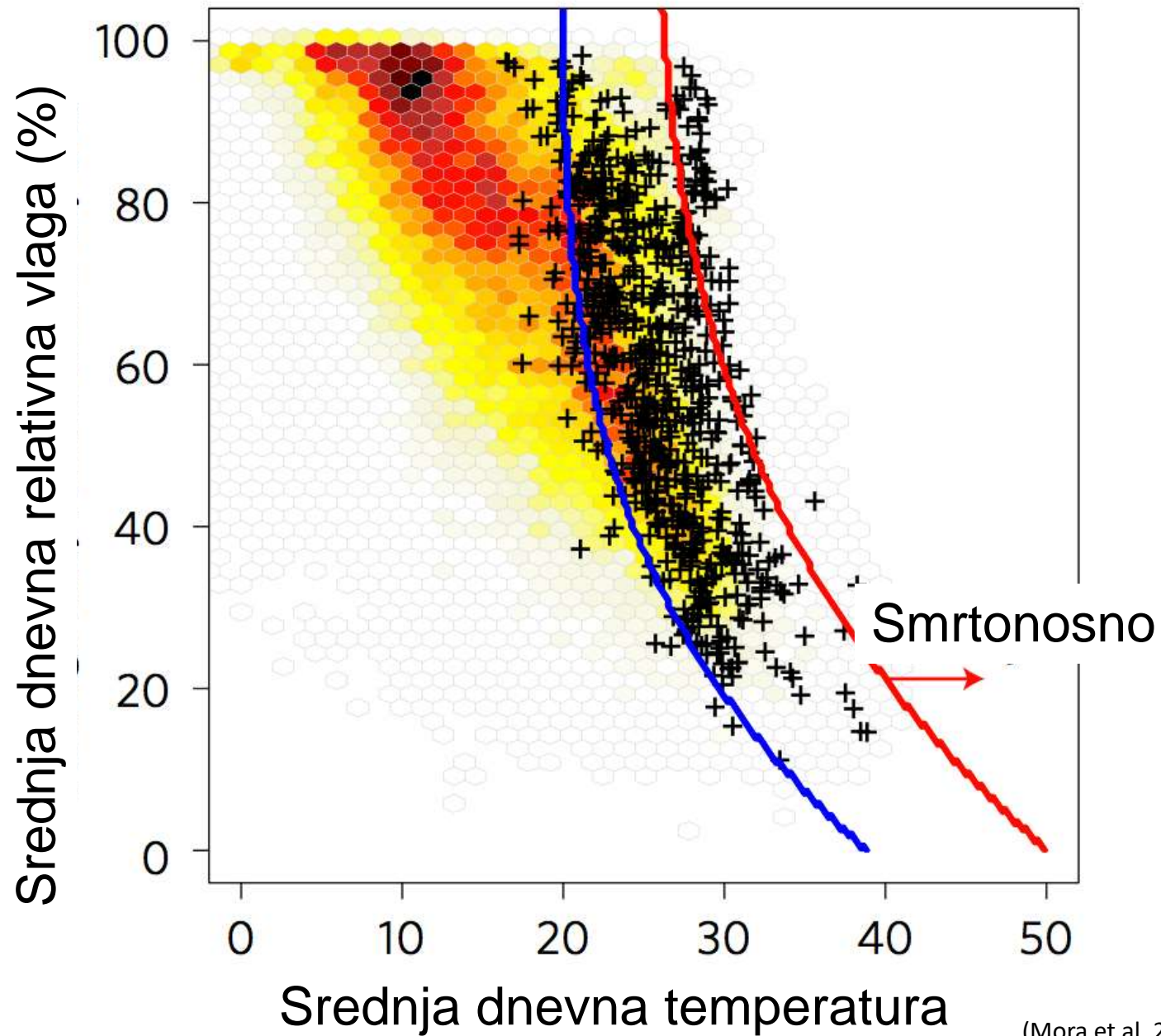
Temperatura u prošlosti

“Isto kao do sada” scenario

“Pariski sporazum” scenario



# Smrtonosne vrućine

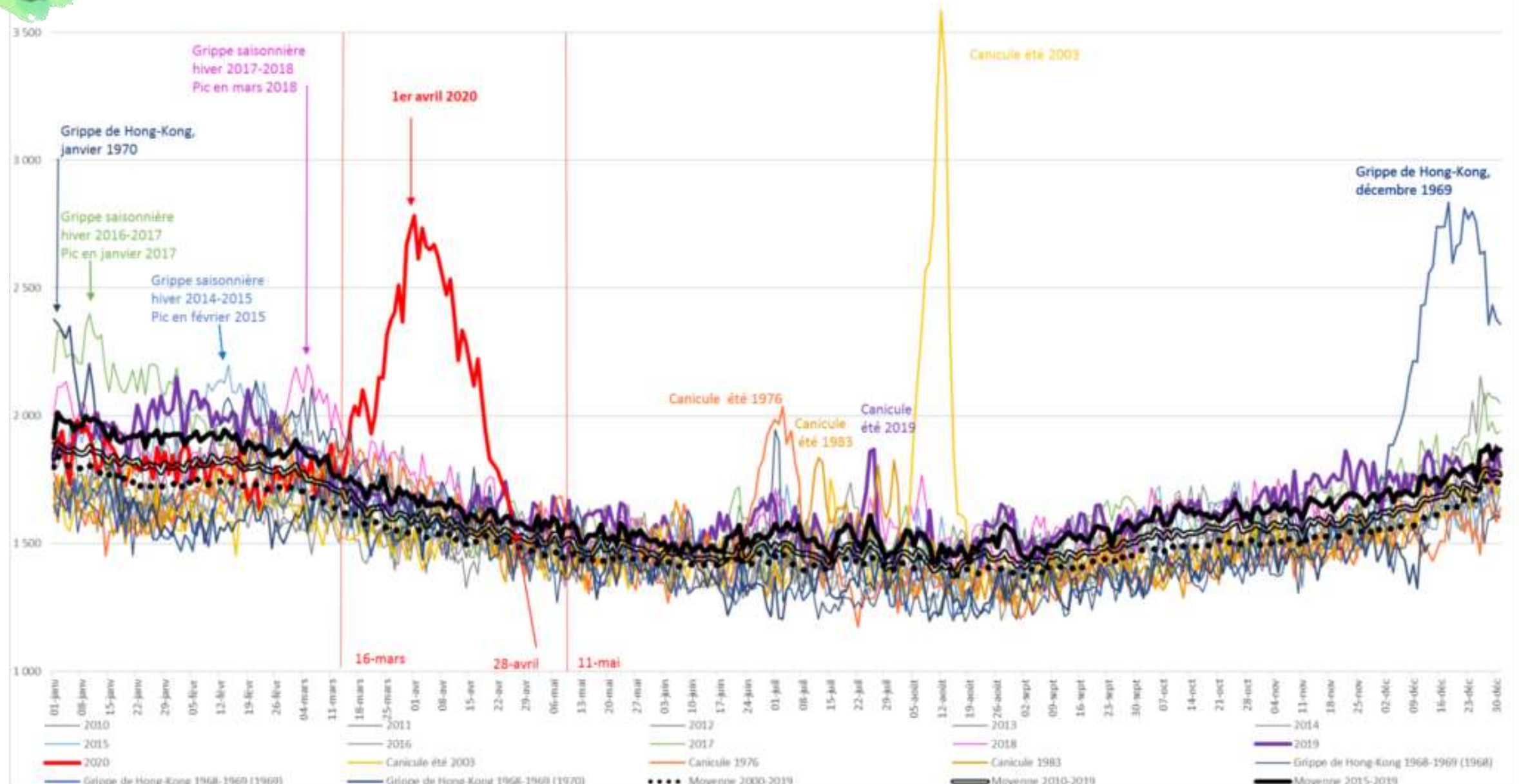


(Mora et al. 2017)



# Décès quotidiens chaque année depuis 2010,

avec représentés les moyennes sur 5 ans (2015-2019), dix ans (2010-2019) et 20 ans (2000-2019)  
et quelques épisodes marquants (canicule de l'été 2003, grippe de Hong Kong de décembre 1969...)





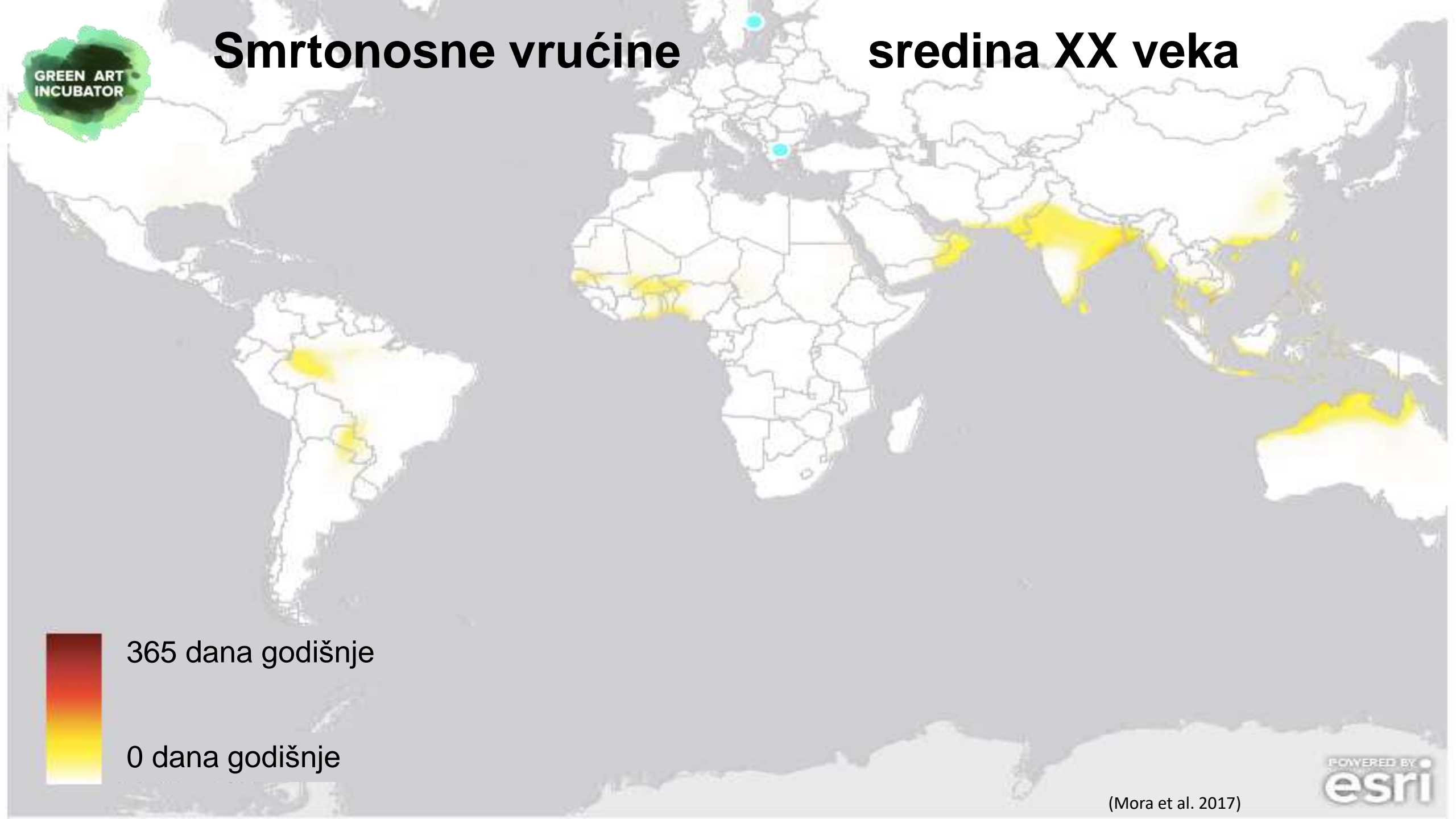
**Smrtonosne vrućine**

**sredina XX veka**



365 dana godišnje

0 dana godišnje



(Mora et al. 2017)



# Smrtonosne vrućine

# kraj XXI veka

GREEN ART  
INCUBATOR

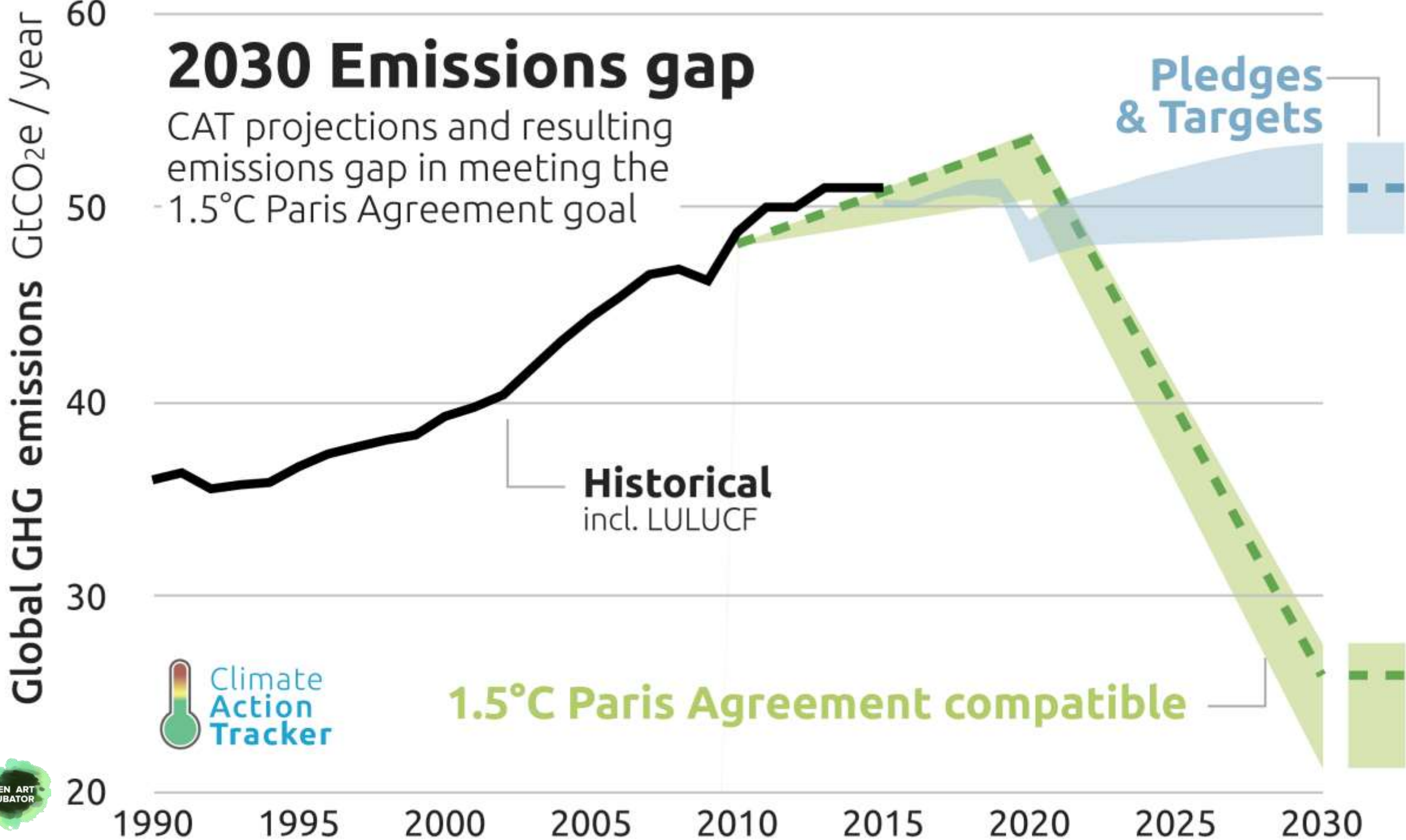


365 dana godišnje

0 dana godišnje

esri

(Mora et al. 2017)

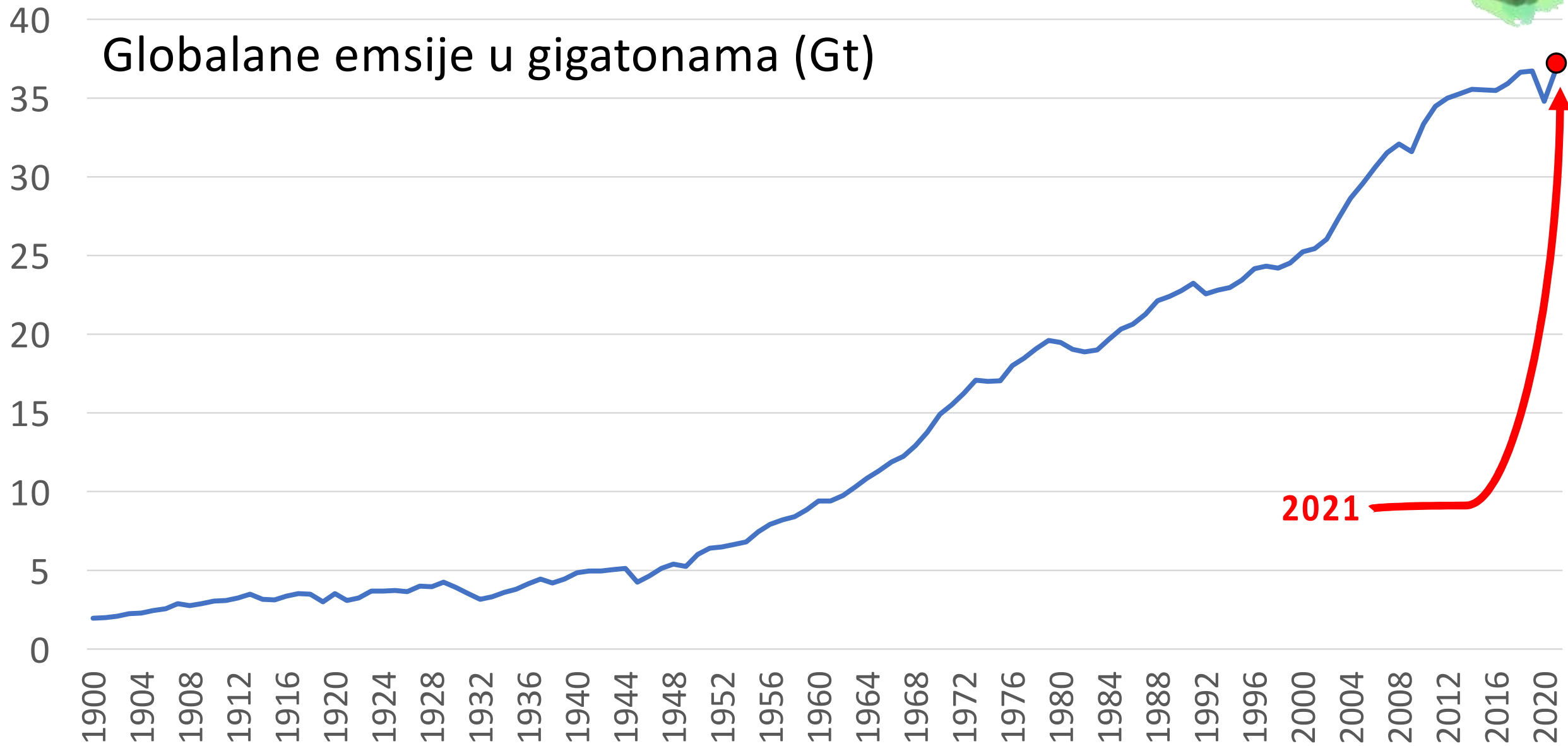




# Povratak na staro posle korone



Globalane emsije u gigatonama (Gt)



# Reakcije delegacija posle čitanja završnog dokumenta COP26



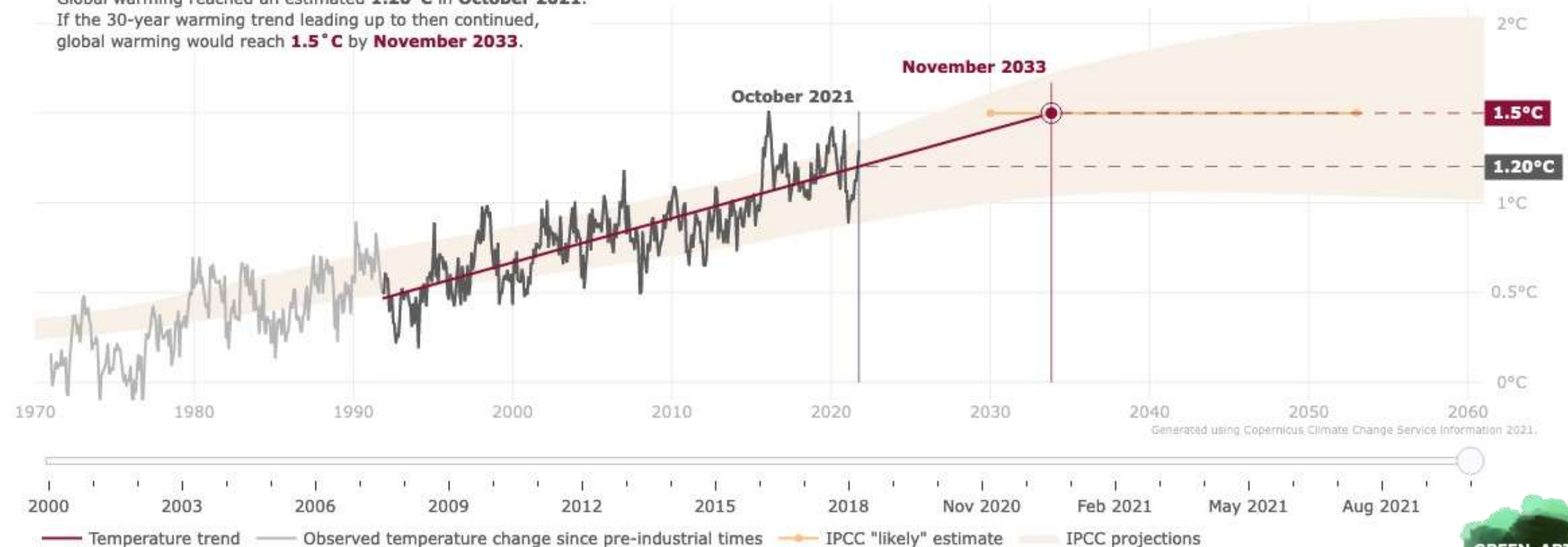
**Australija: 4. proizvođač i 2. izvoznik uglja na svetu!**



**Maldivi: prosečna nadmorska visina 1,5 m!**

## Climate Data Store - Global temperature trend monitor

Global warming reached an estimated **1.20°C** in **October 2021**.  
If the 30-year warming trend leading up to then continued, global warming would reach **1.5°C** by **November 2033**.

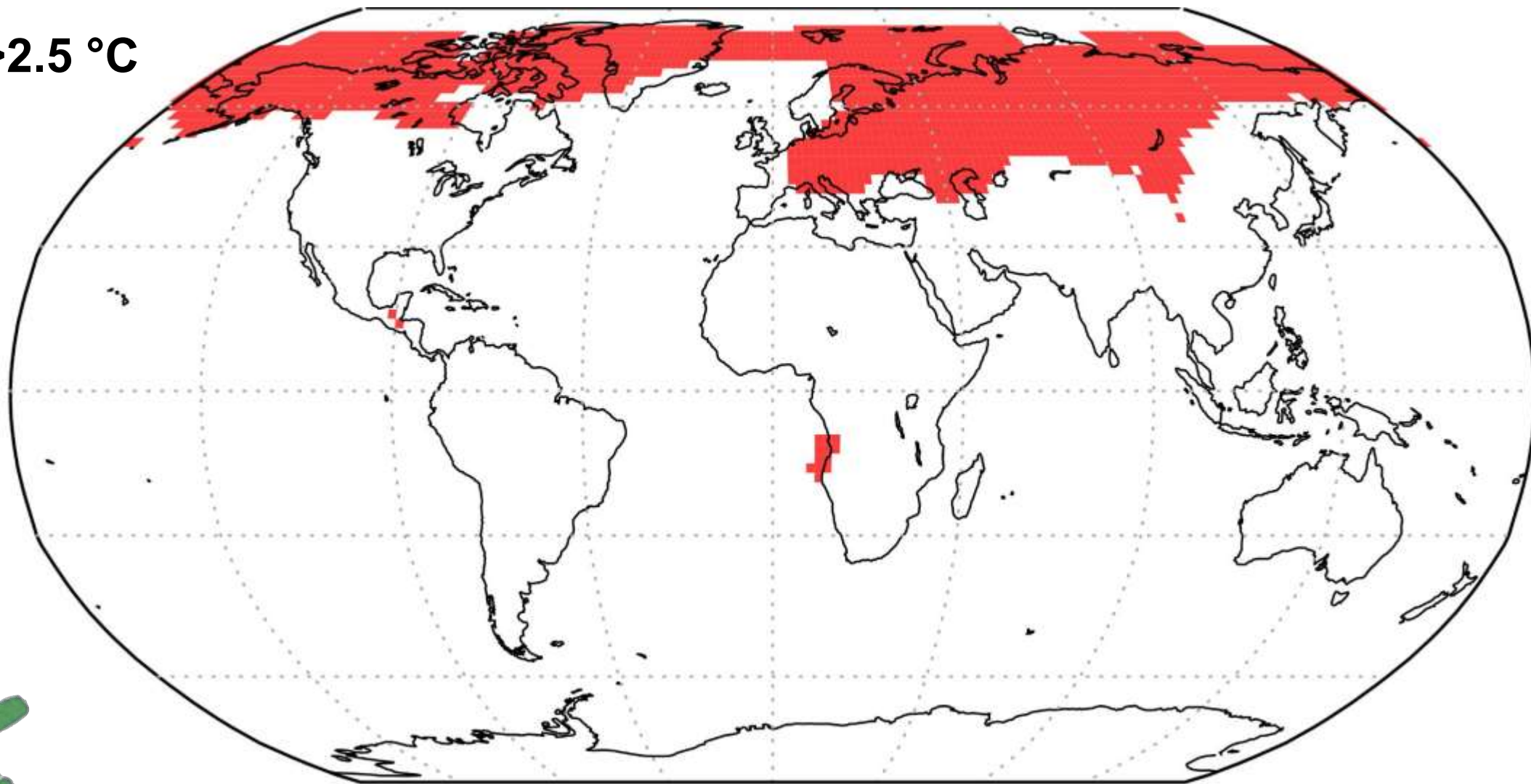






# Odstupanje prosečne temperature u periodu 2016-2020 u odnosu na period 1880-1900

 >2.5 °C



Izvor podataka: NASA GISS <https://data.giss.nasa.gov/gistemp/>

KA ZELELENIM

MUZEJIMA I

GALERIJAMA



ФАКУЛТЕТ  
ДРАМСКИХ  
УМЕТНОСТИ  
У БЕОГРАДУ



PRIVREDNA  
KOMORA  
SRBIJE



ISTITUTO  
italiano



FONDACIJA ZA OTVORENO DRUŠTVO SRBIJA  
OPEN SOCIETY FOUNDATION SERBIA