



# CLIMATE & THE EVERYTHING EMERGENCY

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**Skerries Eco Festival**

September 2023

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John Gibbons  
— *Presenter* —

# Writer & Commentator on Climate Change & Environment



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John Gibbons  
— Presenter —

the guardian

 Irish Examiner



TELEVISION

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WITH MATT COOPER

THE IRISH TIMES

Business Post

The Journal



DESMOGUK

CLEARING THE PR POLLUTION

The Currency.

PHOENIX 

VILLAGE

THE TIMES   
THE SUNDAY TIMES  
IRELAND EDITION

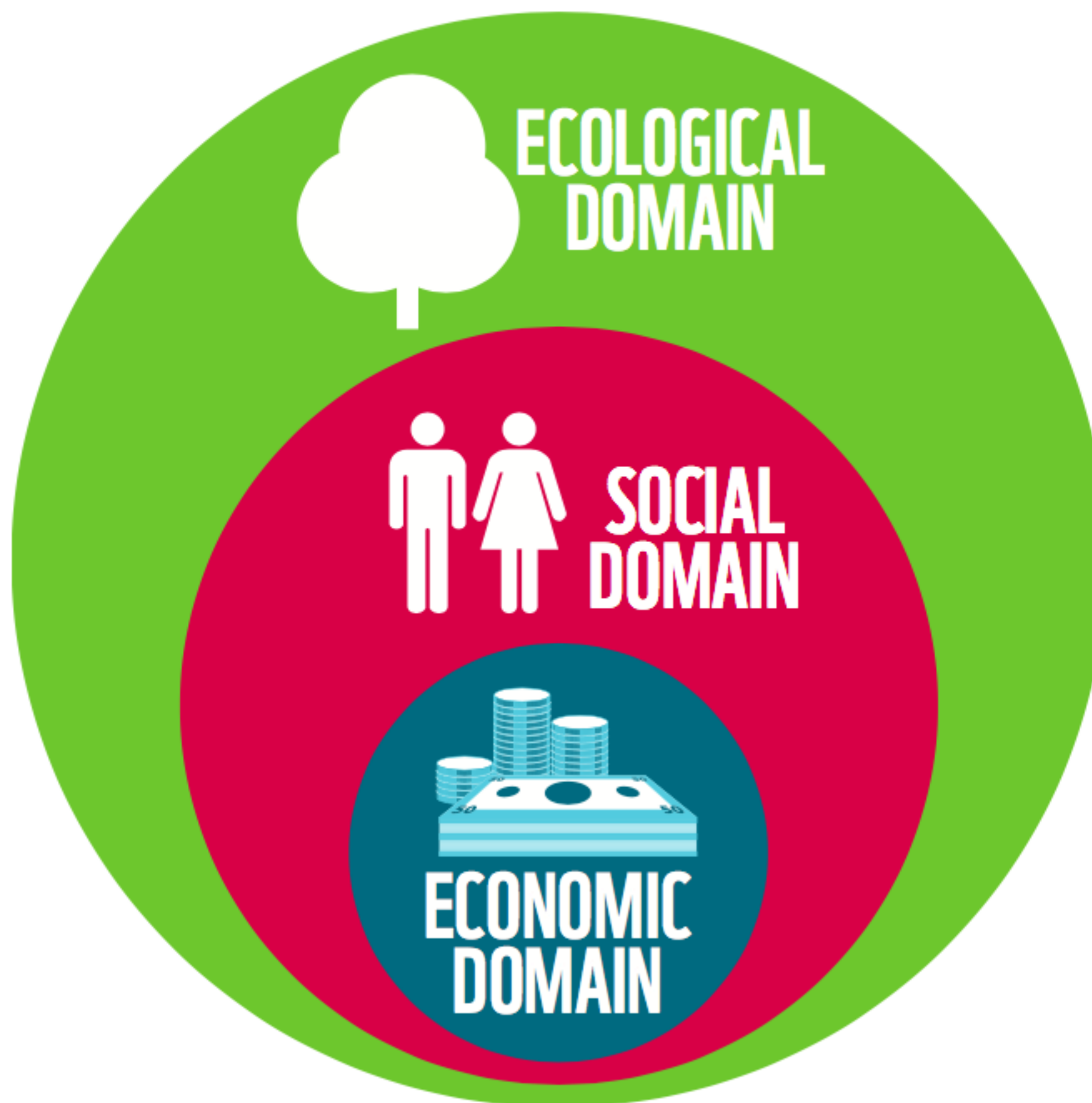
# People Can Handle the Truth About the Environment

Scientists don't need to sugar-coat it.

By Mark Buchanan

27 December 2017, 07:00 GMT



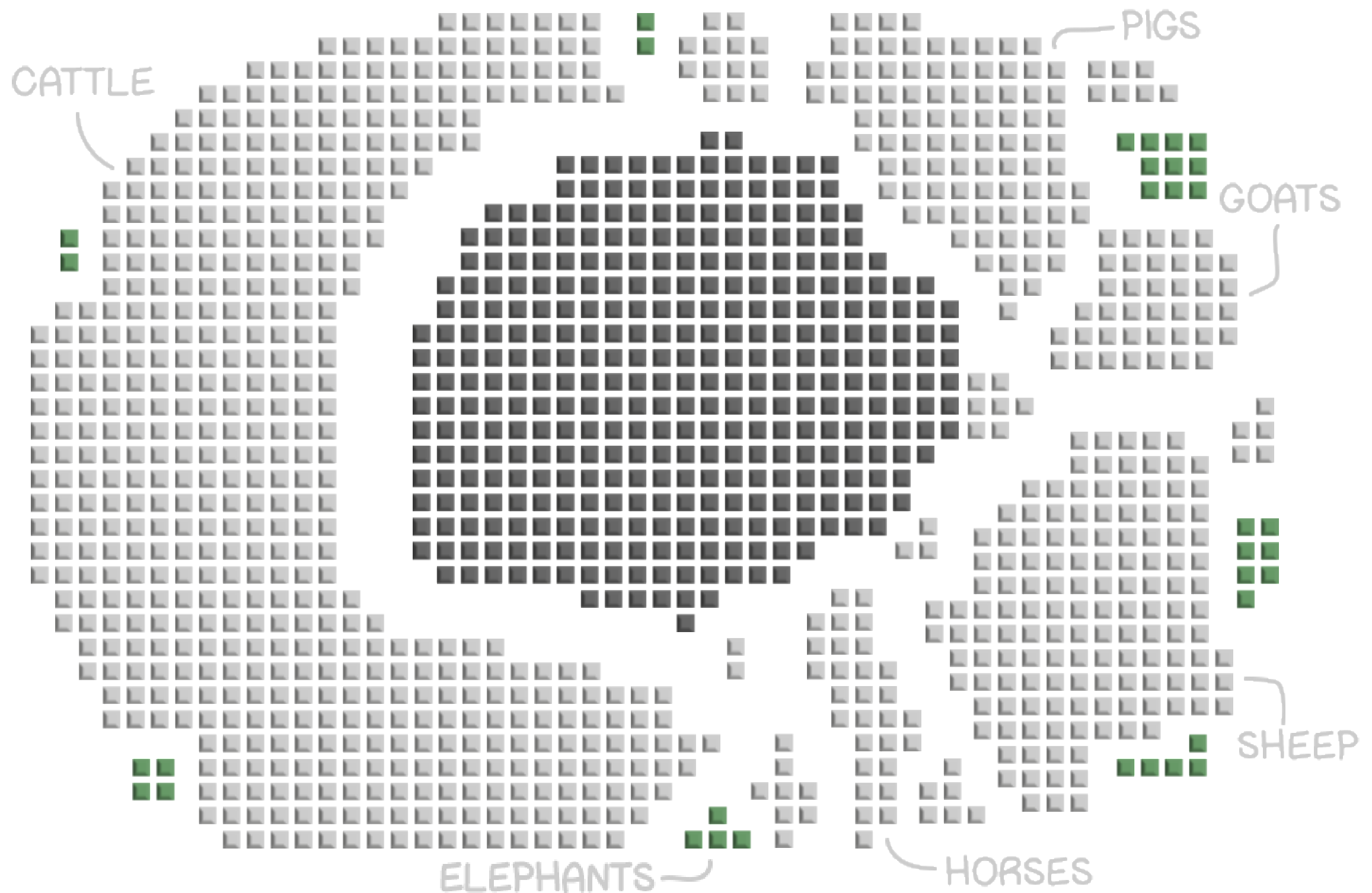




# EARTH'S LAND MAMMALS BY WEIGHT

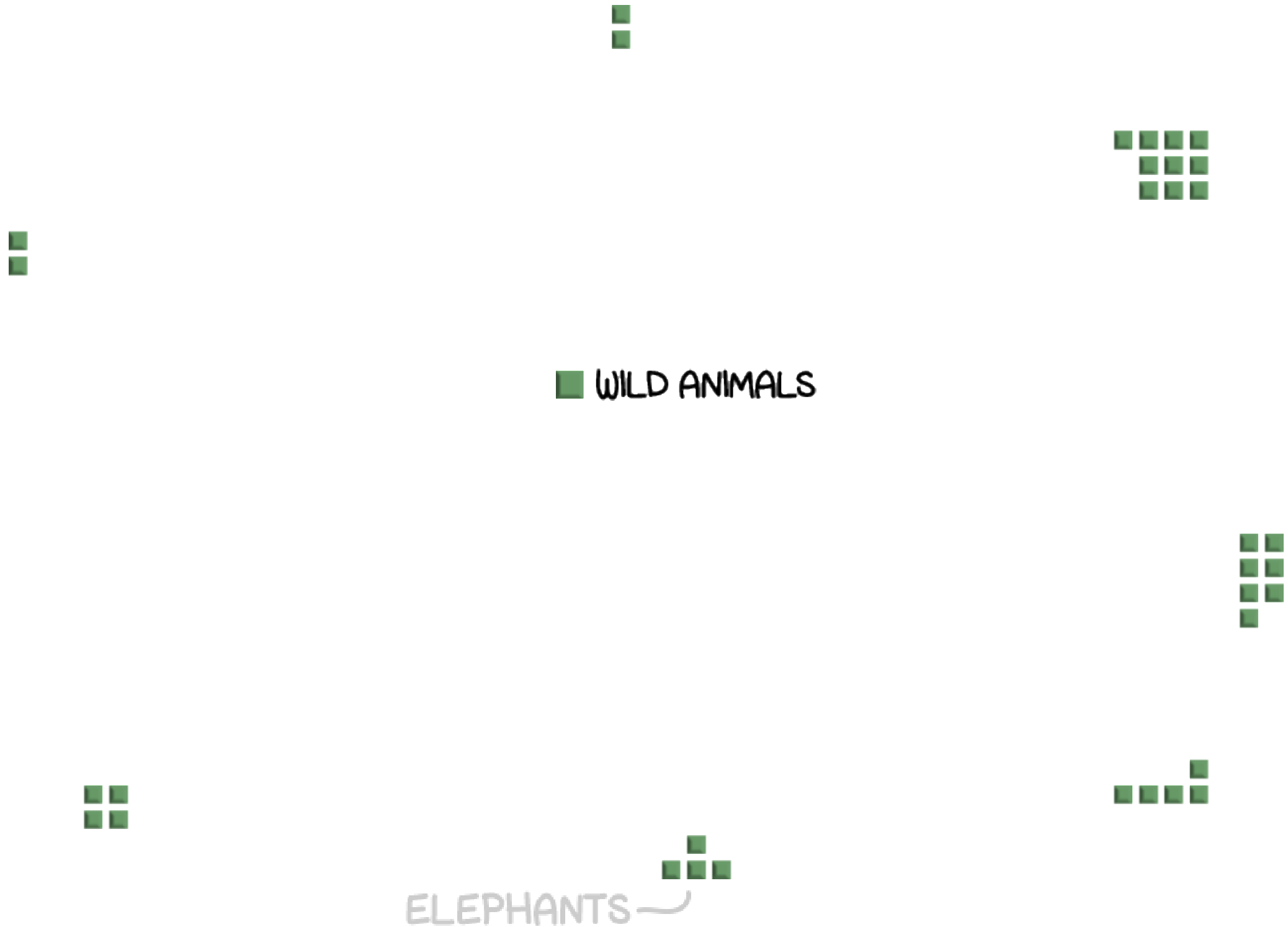
■ = 1,000,000 TONS

■ HUMANS   ■ OUR PETS AND LIVESTOCK   ■ WILD ANIMALS



# EARTH'S LAND MAMMALS BY WEIGHT

■ = 1,000,000 TONS



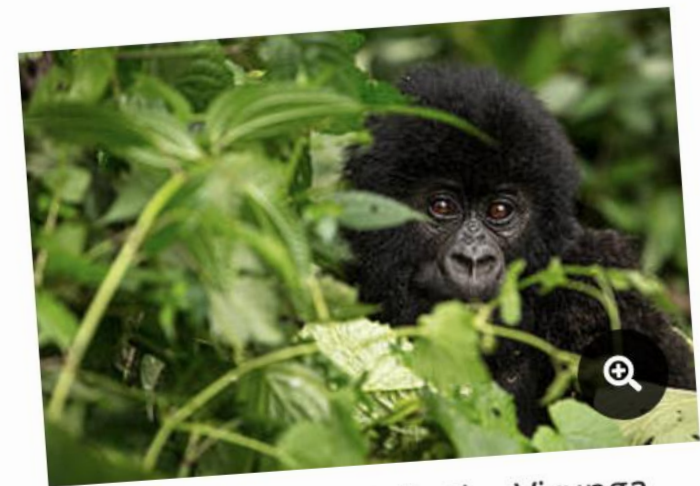
# 69% of wild animals gone...in 52 years

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## WWF Living Planet Report: Devastating 69% drop in wildlife populations since 1970

*Posted on 13 October 2022*

Wildlife populations - mammals, birds, amphibians, reptiles and fish - have seen a devastating 69% drop on average since 1970, according to WWF's Living Planet Report (LPR) 2022.



Mountain Gorilla in the Virunga National Park. Democratic Republic of the Congo.

© Paul Robinson



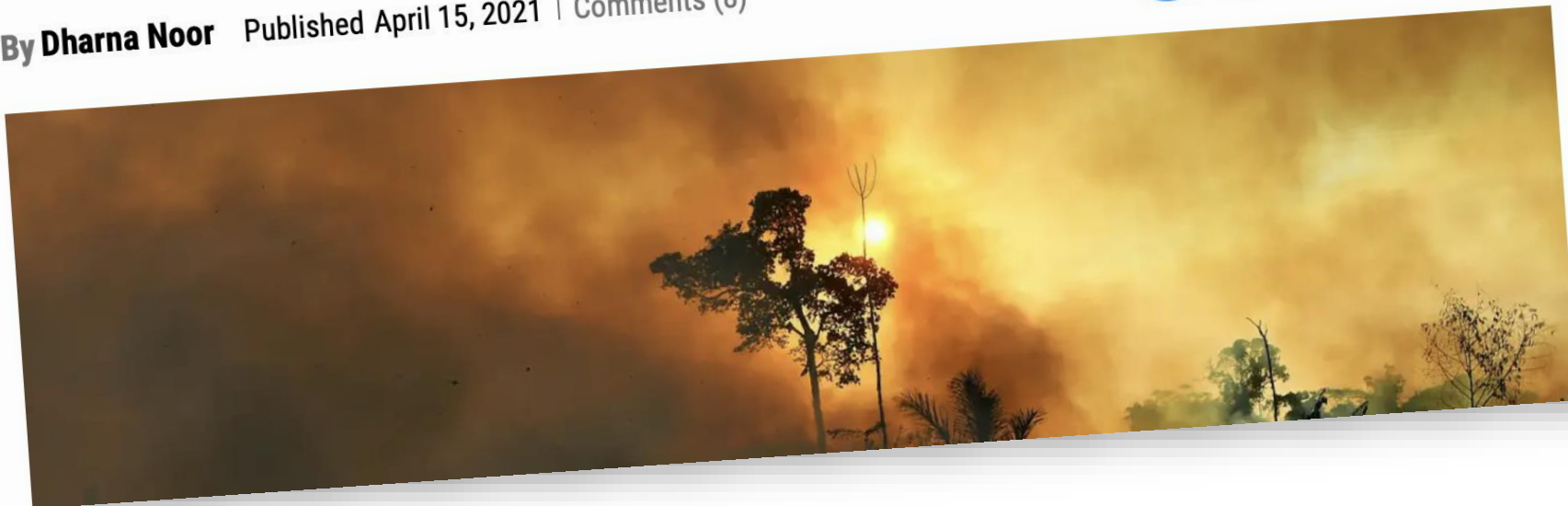
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CLIMATE CHANGE

# Humans Have Destroyed 97% Of Earth's Ecosystems

By **Dharna Noor** Published April 15, 2021 | Comments (8)



**“Forests precede civilizations  
and deserts follow them”**

**– Francois-Rene de Chateaubriand**



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# What we're doing to the Earth has no parallel in 66 million years, scientists say

A



562



Save for Later



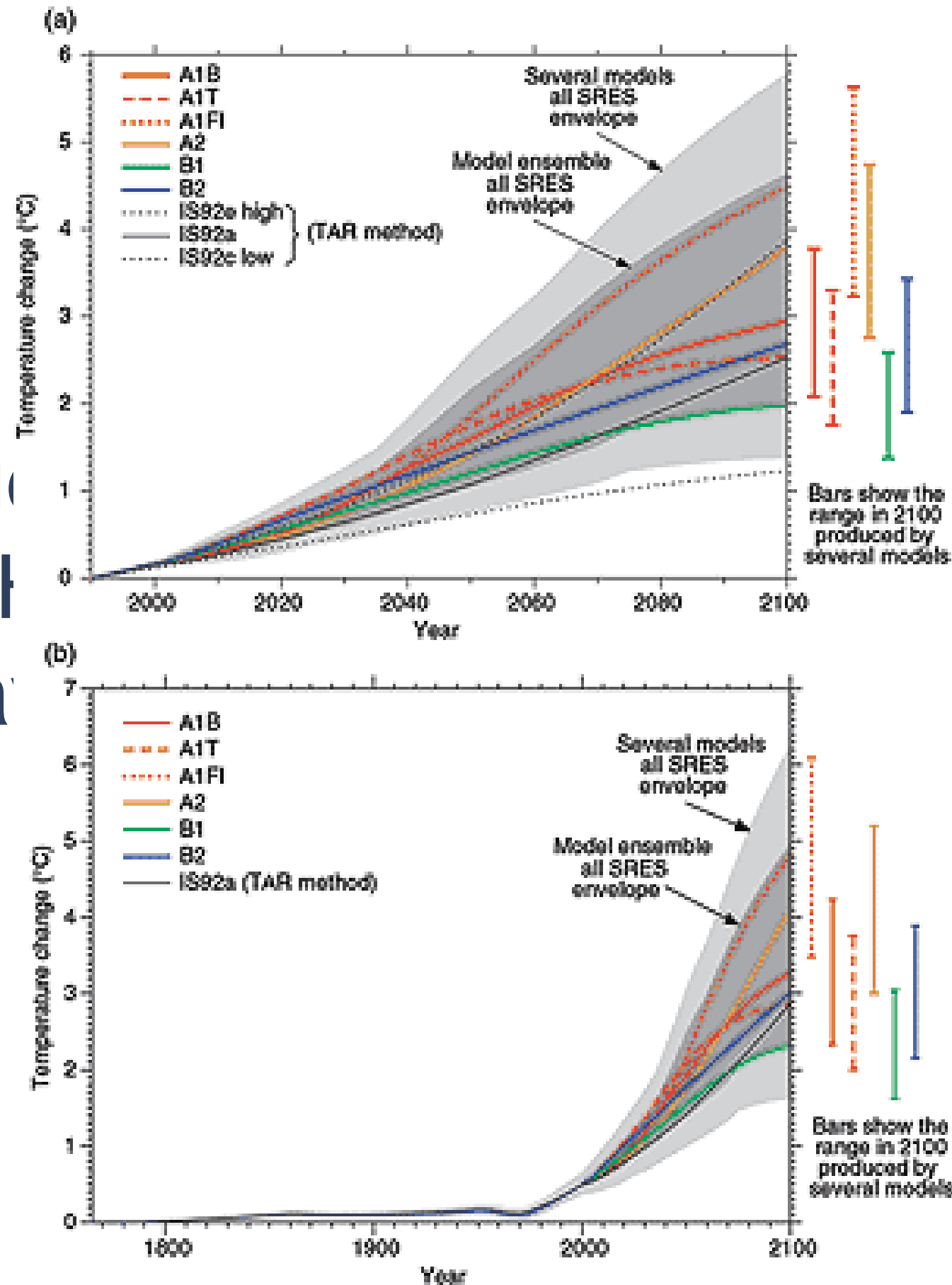
Reading List

By **Chris Mooney** March 21 at 12:00 PM 

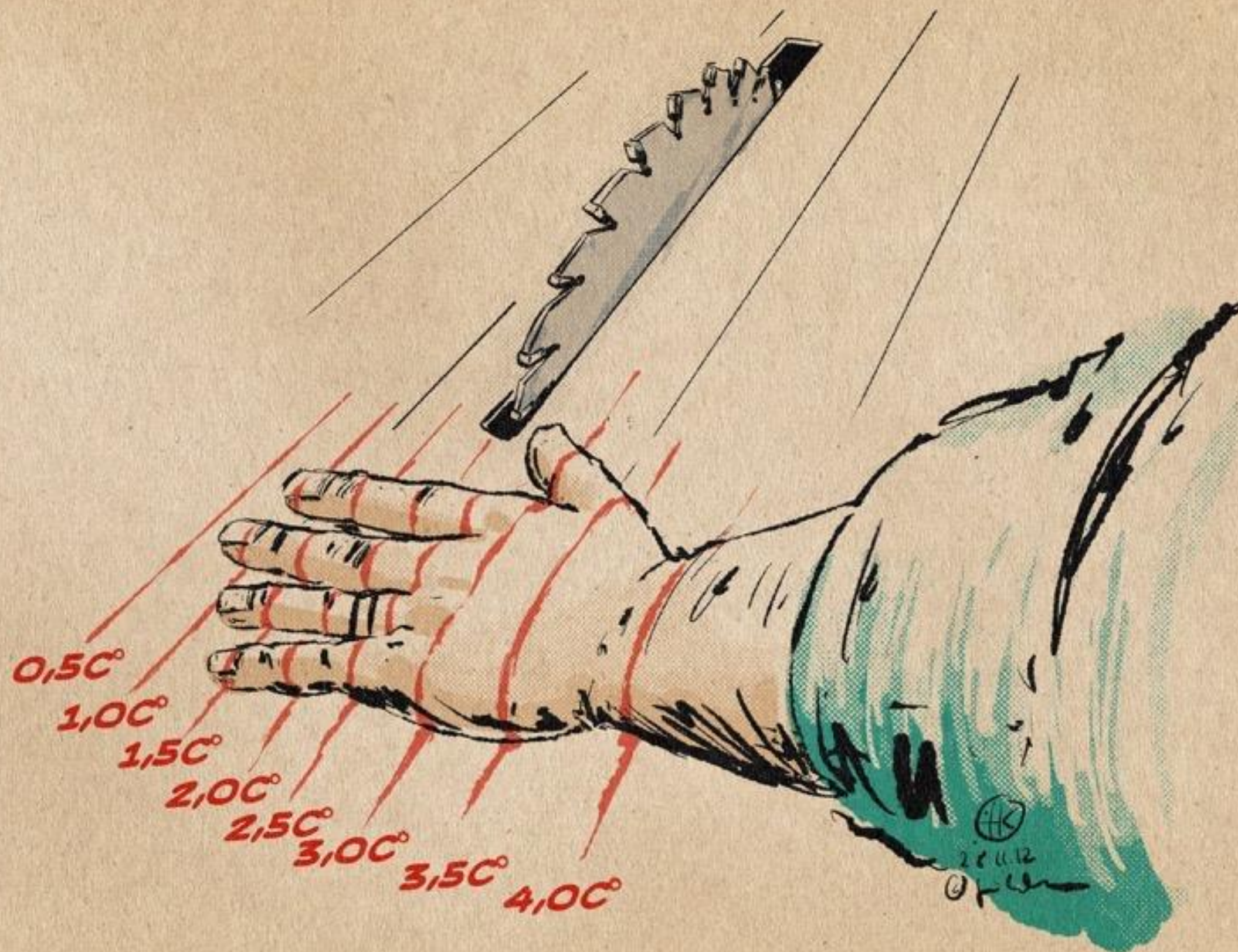
 Follow @chrismooney



Climate goals/targets are complex. I'll show a simple way of thinking about them:



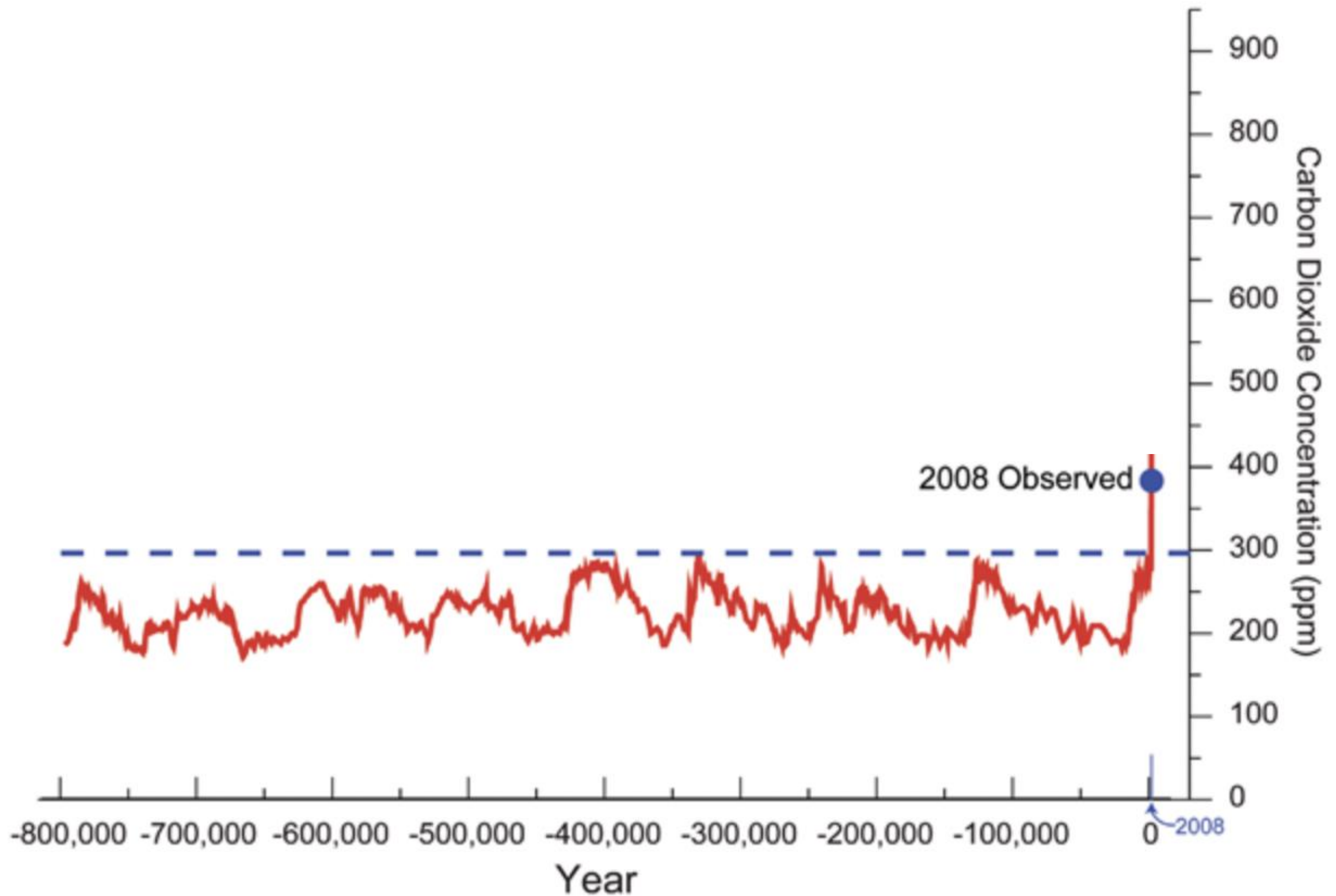




**CLIMATE GOALS EXPLAINED**

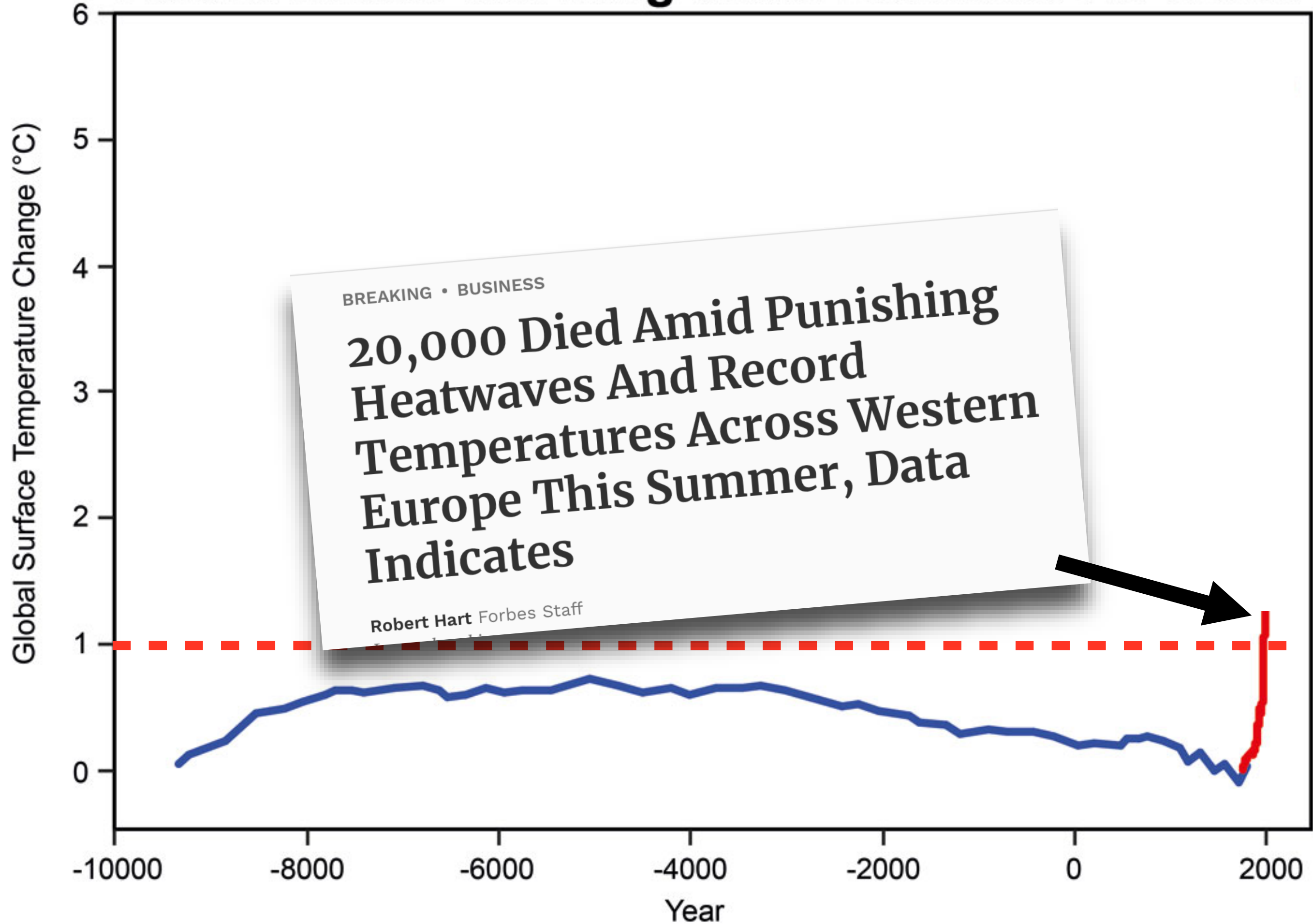


# 800,000 Year record of CO<sub>2</sub> Concentration





# Future Global Warming under Business-As-Usual



# Scientists Warn 1 Billion People on Track to Die From Climate Change

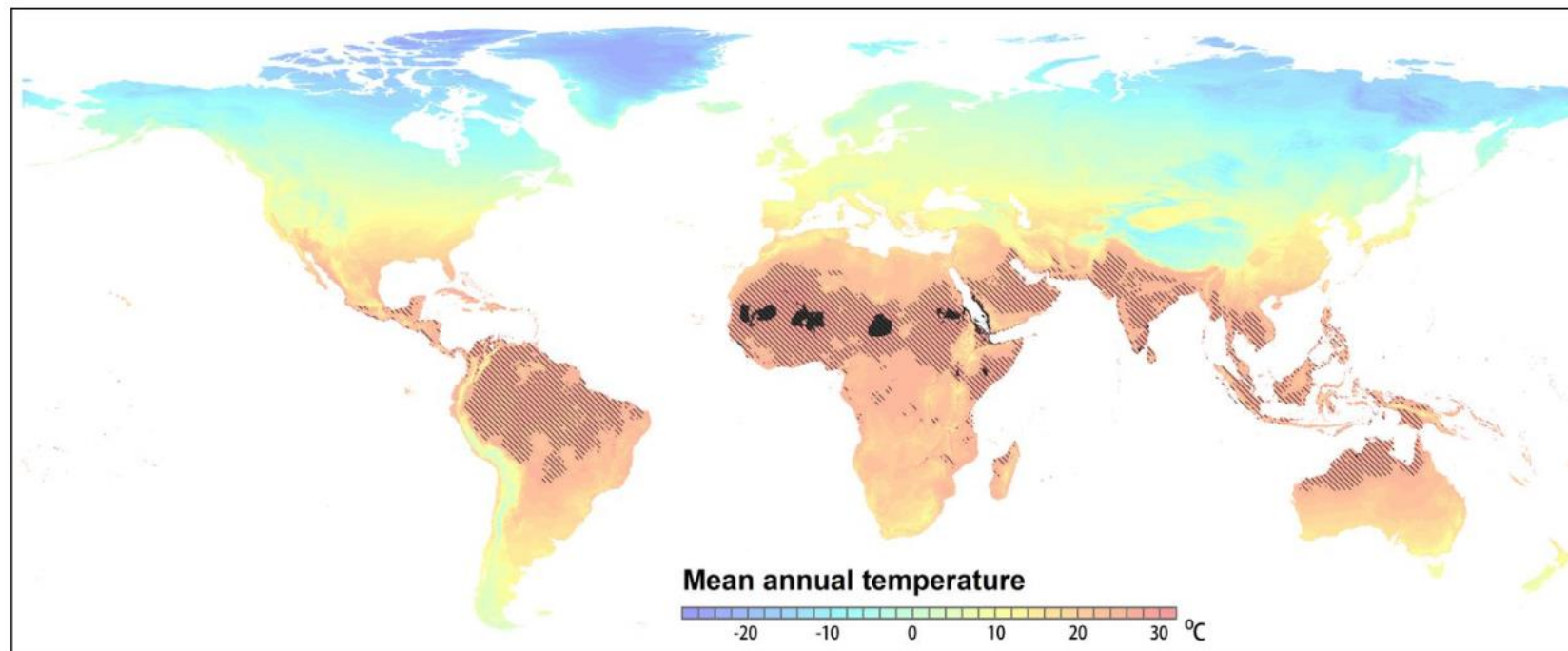
**ENVIRONMENT** 30 August 2023 By [CARLY CASSELLA](#)



(Stockbyte/Getty Images)

# Global warming to push billions outside climate range that has sustained society for 6,000 years, study finds

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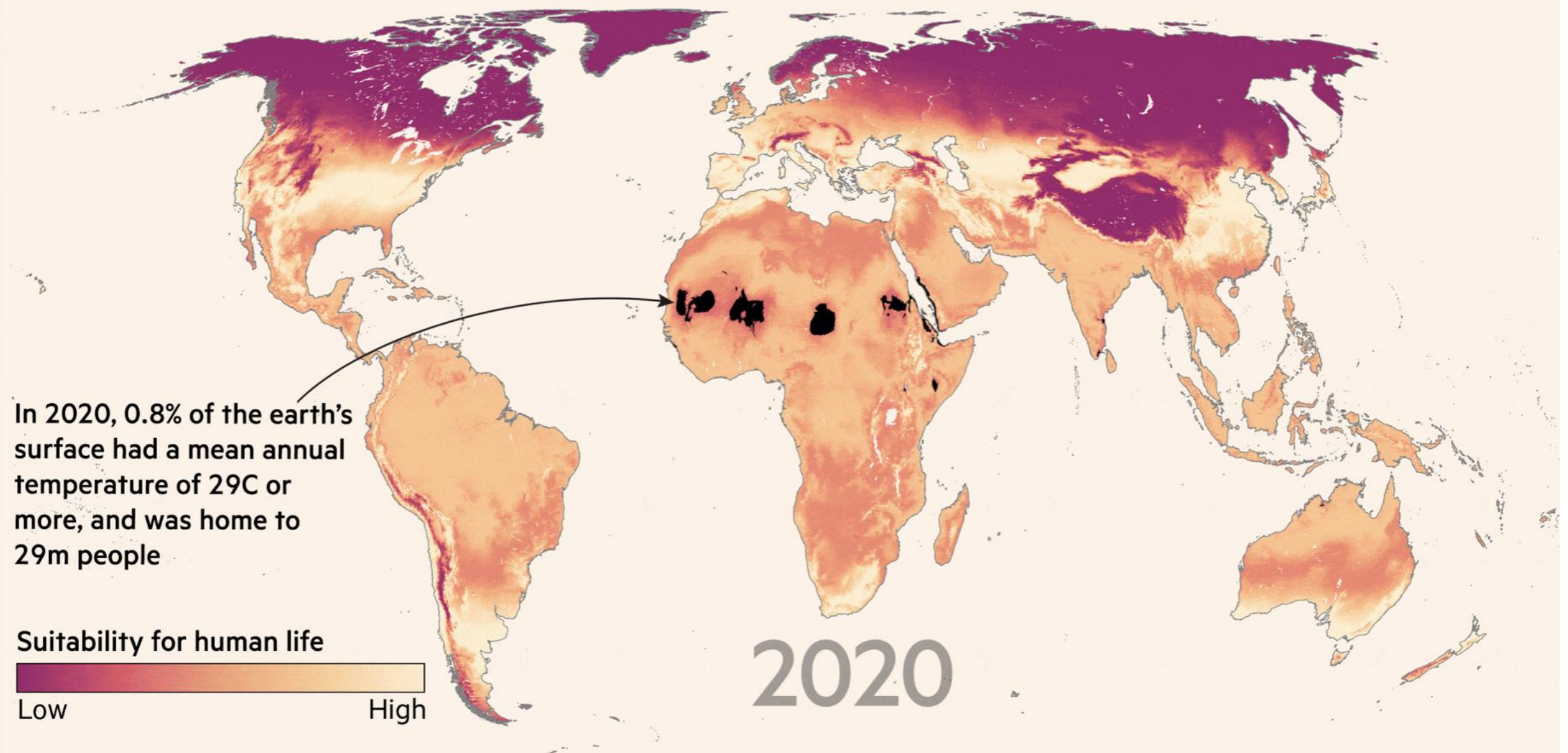
# Three billion people will be living in 'near unlivable' temperatures by 2070

Study of global heating finds climate niche that has supported humanity will shift more in next 50 years than in preceding 6,000

© Tue, May 5, 2020, 19:51

Updated: Tue, May 5, 2020, 19:52





Source: Xu, C et al. *Future of the human climate niche*  
© FT



By 2070, 19% of the earth's surface could have a mean annual temperature of at least 29C, affecting up to 3bn people

Suitability for human life



2070

Source: Xu, C et al. *Future of the human climate niche*  
© FT

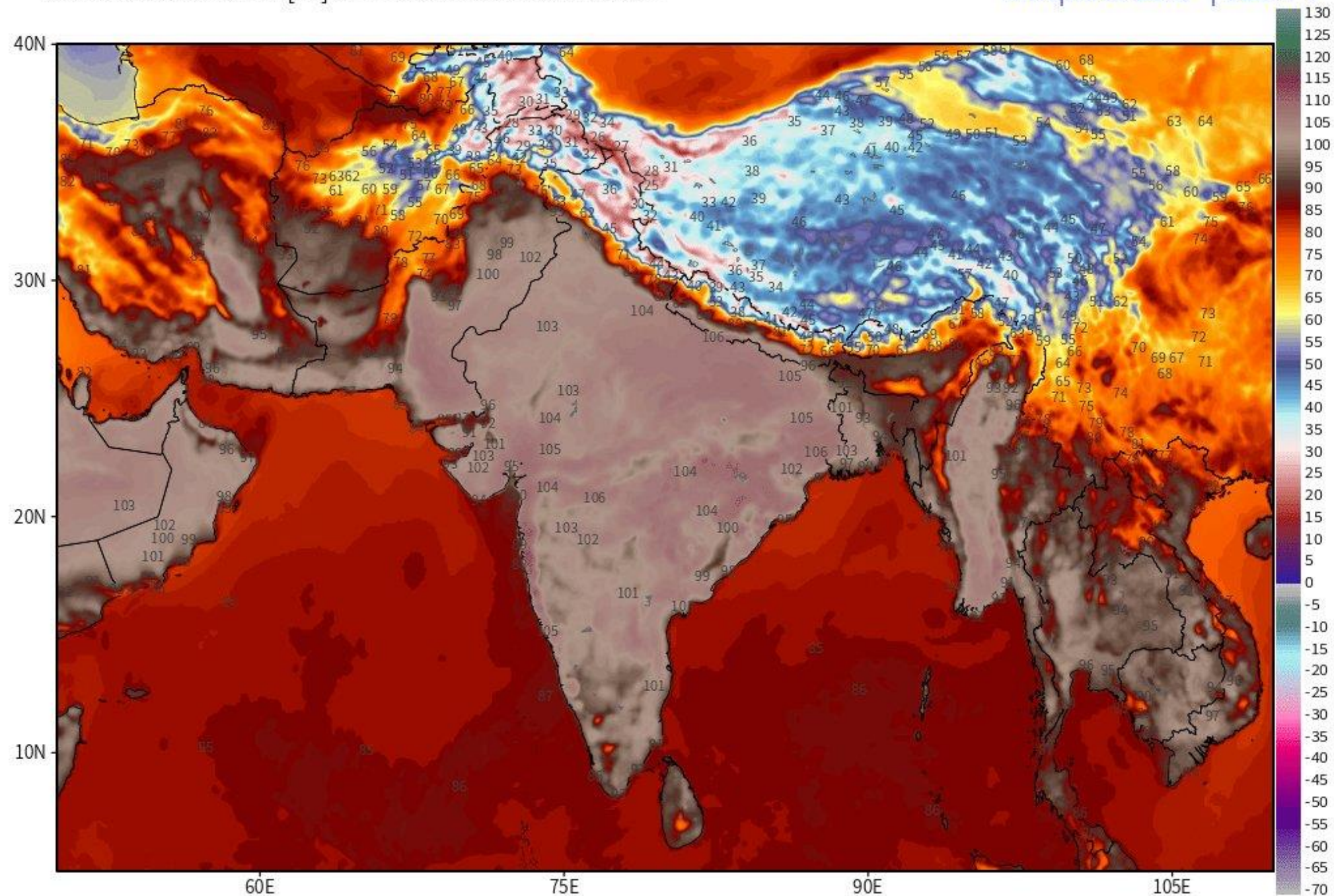




# India, April 27, 2022

NCEP GFS Maximum 6-hourly 2-meter Temperature [°F]  
Init: 00Z22APR2022 -- [12] hr --> Valid Fri 12Z22APR2022

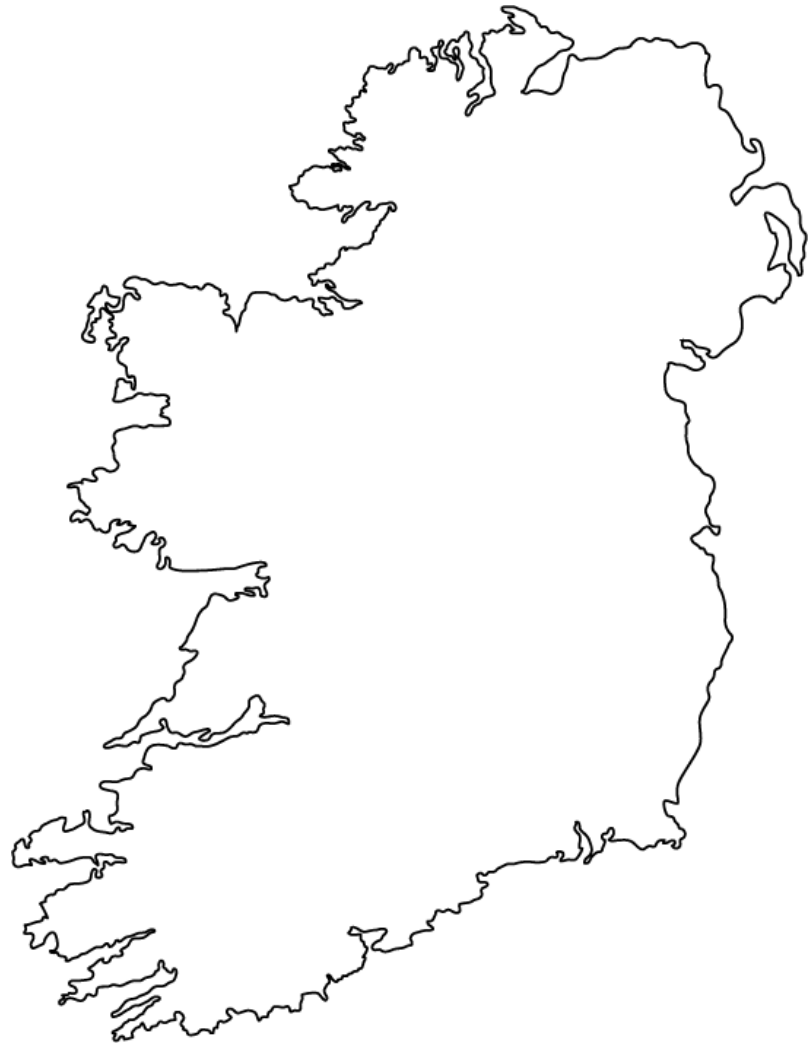
MIN|MAX 13.0° | 113.4°F



**Opinion** | Ruth Pollard and David Fickling

## India's Heatwaves Are Testing the Limits of Human Survival

Each summer in India is a fresh roll of the dice on whether a freak event will occur that leads to a vast number of deaths.



**X**

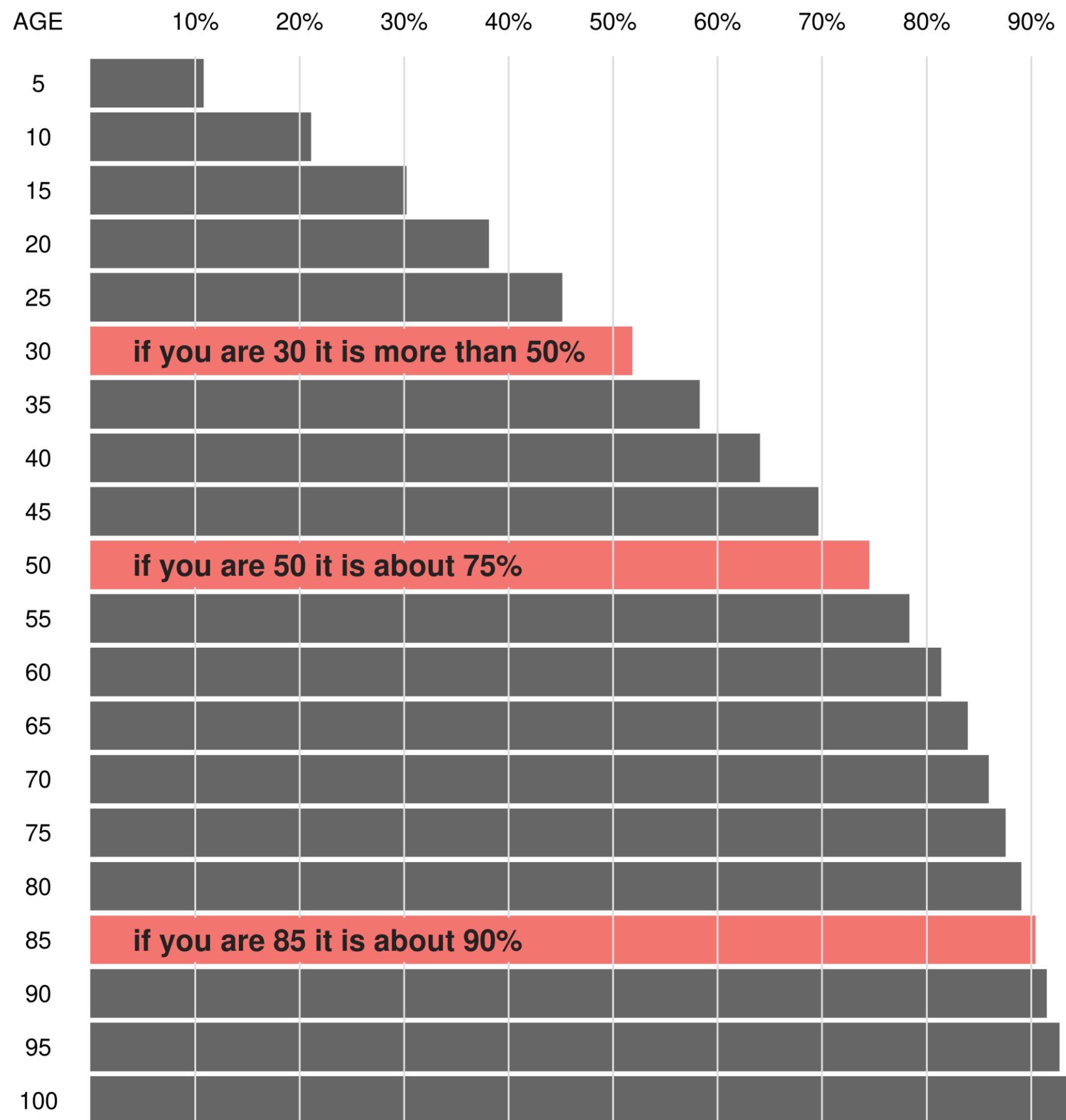
**500**



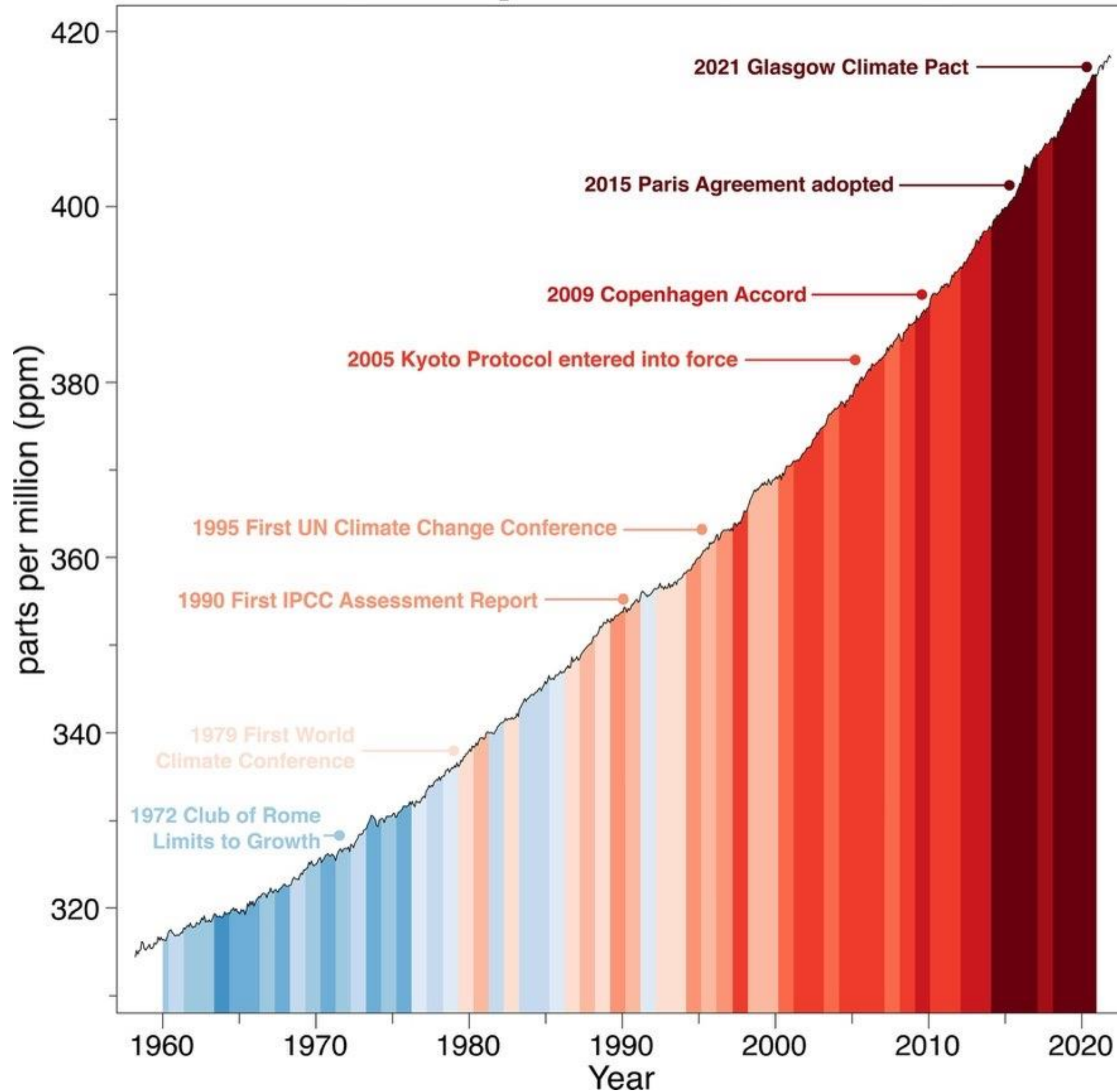




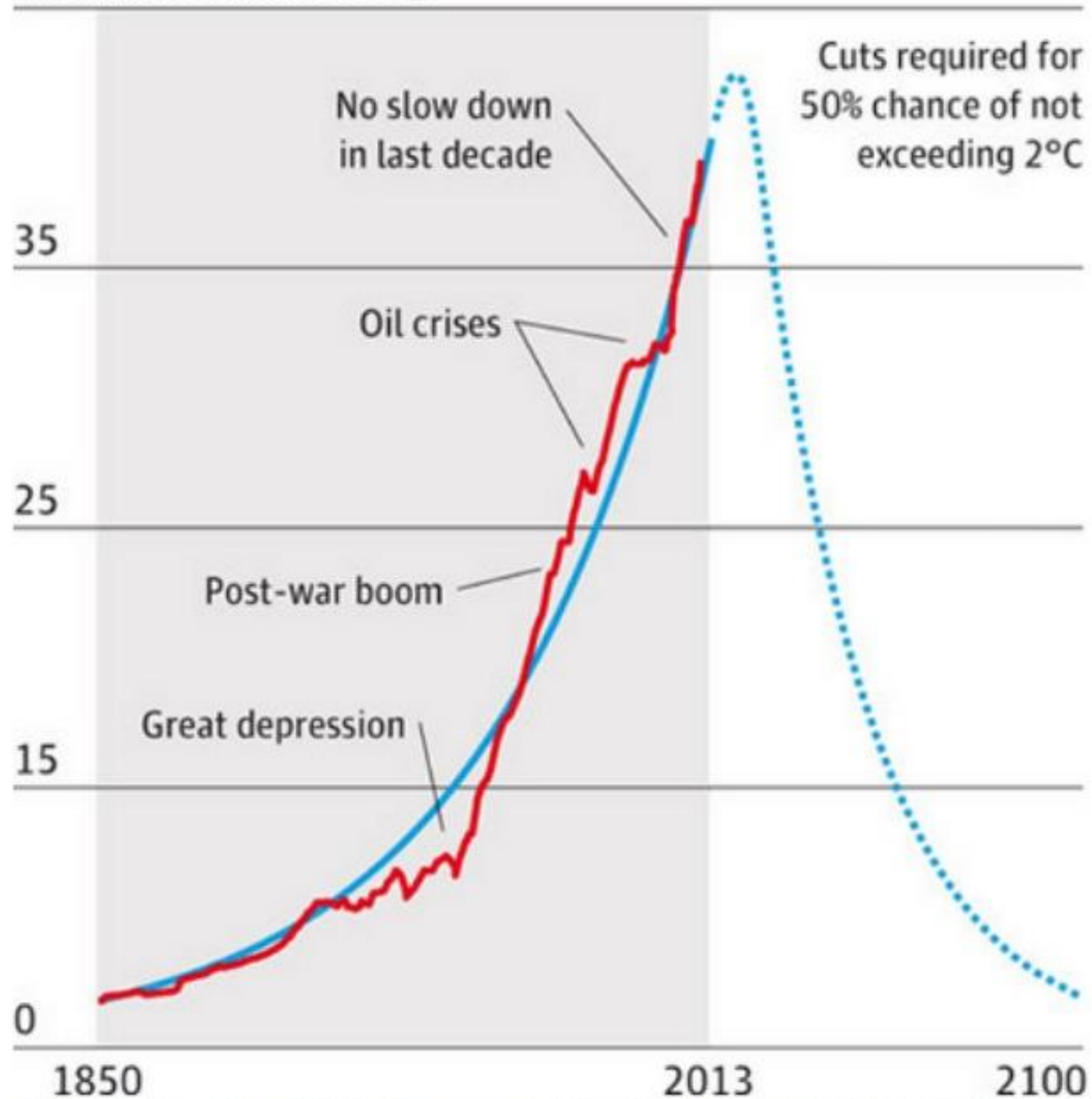
# Percentage of Global fossil fuel emissions (since 1751) occurring in my lifetime



## Trends in Atmospheric CO<sub>2</sub> vs Global Temperature Change



## 45 Billion tonnes of CO<sub>2</sub>



CO<sub>2</sub> emissions since 1850 (red); exponential growth (blue); cuts to hit climate target (dashed). Photograph: [guardian.co.uk](http://guardian.co.uk)



[HOME](#) > [SCIENCE](#)

# Extreme weather is sweeping the world, with devastating floods and wildfires on 3 continents at once

Sinéad Baker 11 hours ago



**Germany**



**US**



**Russia**



**China**

Photos showing flooding in Germany, fire in the US, fire in Russia, and flooding in China. BERND LAUTER/AFP via Getty Images; USDA Forest Service via Getty Images; REUTERS/Roman Kutukov; Twitter/The Paper



**Mail**  
 Paper of the year 80p  
**WARNS OF CHANGE...**  
**an UK lead world back from brink?**  
 SEE PAGES 6-9  
**Foreign breaks**  
**ESTS**

Can we have two golds?  
 Our writers' best moments of Tokyo 2020  
**The Guardian**  
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▲ A woman shows her distress as an inferno nears her home in Gouves, on the Greek island of Evia. The EU yesterday began a huge operation to tackle fires on the island. Wildfires in Greece Page 22

# Global climate crisis: inevitable, unprecedented and irreversible

Devastating report is 'code red' warning for humanity  
 UN chief says  
 Fiona Harvey  
 Andrew Sparrow  
 Human activity is changing the climate  
 widespread devastation and extreme weather. Only rapid and drastic reductions in greenhouse gases in this decade can prevent such climate breakdown, with every fraction of a degree of further heating likely to have devastating effects.  
 Leader comment  
 'The science is unequivocal. The verdict is clear. There is no more time for manoeuvre.'  
 ever there was going to be a wake-up call to the world when it comes to climate change, this report is it," said Alok Sharma, the minister who will preside over the Cop26 UN climate summit in Glasgow in November. "But the future is not yet written. The very worst of climate change is still avoidable."

**FINANCIAL TIMES**  
 TUESDAY 18 AUGUST 2021  
 NEWS PROVIDER OF THE YEAR  
 Inside Kim's regime  
 Why sanctions against North Korea are failing — BIG READ, PAGE 21  
 Silencing staff  
 NDAs are damaging in the workplace  
 SARAH O'CONNOR, PAGE 25  
 In China's debt  
 African nations' risks in borrowing from Beijing — MARKETS INSIGHT, PAGE 14  
**World likely to be 1.5C warmer by 2040, UN's science panel warns**  
 'Code red for humanity' • More extreme weather expected • Call for stronger action  
 Briefing  
 Reversing charts post-Covid course  
 The business secretary has pledged to get above-market energy prices approved at the heart of the post-pandemic recovery and the country's recovery from Covid-19  
 CMLH given time for...  
 TUESDAY AUGUST 2021  
 Number 2021

BE INSPIRED

# CODE RED FOR HUMANITY

EXTREME WEATHER DOWN TO GLOBAL WARMING, SAYS DOOMSDAY REPORT FROM UN  
 WORLD WILL HEAT UP AT LEAST 1.5C BY 2040... A DECADE EARLIER THAN WAS FORECAST  
 by AIDAN RADNEDGE  
 This world has had its chance

**CODE RED FOR HUMANITY**

**DAILY EXPRESS**  
 CAMPAIGNING NEWSPAPER OF THE YEAR  
 FREE Brilliant puzzles pullout  
 David Cameron denies £7m Greensill pay packet  
 QUEEN'S BREAK WITH TRADITION  
 SEE PAGE 19  
 Next decade 'pivotal' to secure planet's future after alarming scientific report

VSPAPER OF THE YEAR • JOURNALISM VO

# CODE RED

Shocking verdict on future of humanity  
 Scientists urge PM to create UK climate p

Climate change caused by humans is already causing extreme weather every region across world, with global warming set to breach the 1.5C mark by 2040 - even in best-case scenario where world...  
 Climate experts call for Johnson and Sunak to 'ramp up' British...  
 Lord Stern tells: 'We need the Prime Minister and Chancellor to...  
 Scientific report most authoritative ever - and backed by 195 go...  
 Severe floods, heatwaves, droughts and storms becoming mor...

# PM: WAKE UP TO RED ALERT ON CLIMATE CRISIS

**WELCOME HOME**  
 Let the party begin for our Olympic heroes

A BOMBHELL UN report on global warming is a "wake-up call to the world", warns Boris Johnson.  
 The devastating prediction that heatwaves, flooding and droughts...





**Climate crisis**

# Heatwaves at both of Earth's poles alarm climate scientists

**Antarctic areas reach 40C above normal at same time as north pole regions hit 30C above usual levels**



# Greenland temperatures surge up to 50 degrees above normal, setting records

The record-breaking warmth is raising concerns about melting summer ice

By Ian Livingston and Kasha Patel

Updated March 8, 2023 at 12:12 p.m. EST | Published March 7, 2023 at 3:55 p.m. EST

**GFS 2m T Anomaly (°C) [CFSR 1979-2000 baseline]**  
Init 2023/03/06 00Z | f000 Valid Mon 00Z, Mar 06, 2023

**ClimateReanalyzer.org**  
Climate Change Institute | University of Maine

# Communications Failure?

Scientists v Media Coverage v Public Perception

## GLOBAL WARMING THE DEBATE

### PUBLIC PERCEPTION

Are the public convinced?



A recent poll by the BBC's *Populus* suggests that since the 'sensational' coverage in the media there has been an increase in the amount of people sceptical about man-made global warming. However, the scientific consensus has not changed over this period ([BBC News](#)).



Media coverage of global warming is not 'balanced' and is affecting public opinion throughout the world

Risinggate Communications Ltd

Motekab



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## ‘Stand up to the climate fanatics’: Ministers call to scrap 2030 petrol and diesel car ban

GOVERNMENT ministers have come out to condemn the 2030 ban on new fossil fuelled car sales.

By FELIX REEVES

PUBLISHED: 00:01 Thu Aug 5 2021 | UPDATED: 08:40 Thu Aug 5 2021



# **EXPOSED: Climate change fanatics** who are plotting to blockade Britain's refineries, fuel trucks and petrol stations next month in sinister bid to bring down

- Activists for Just Stop Oil  
petrol station forecourt

## **Climate fanatics are 'totally wrong' about rainforest**

THE world's leading climate change group was mired in further controversy yesterday after one of its own scientists said another of its global-warming claims was "totally wrong".

Alberta News

## **Nelson: So much hot air among high-flying climate fanatics**

Adalyn White • January 27, 2023







**George Monbiot** ✓  
@GeorgeMonbiot

If you asked me: "which industry presents the greatest environmental threat, oil or media?", I would say "the media". Every day it misdirects us. Every day it tells us that issues of mind-numbing irrelevance are more important than the collapse of our life support systems.

7:06 AM · May 7, 2019





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# A TALE OF TWO HEATWAVES 1976 ... 2022



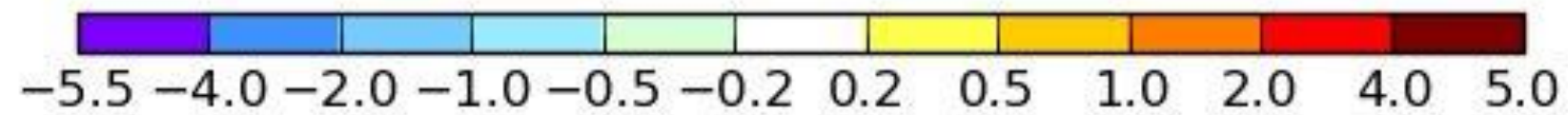
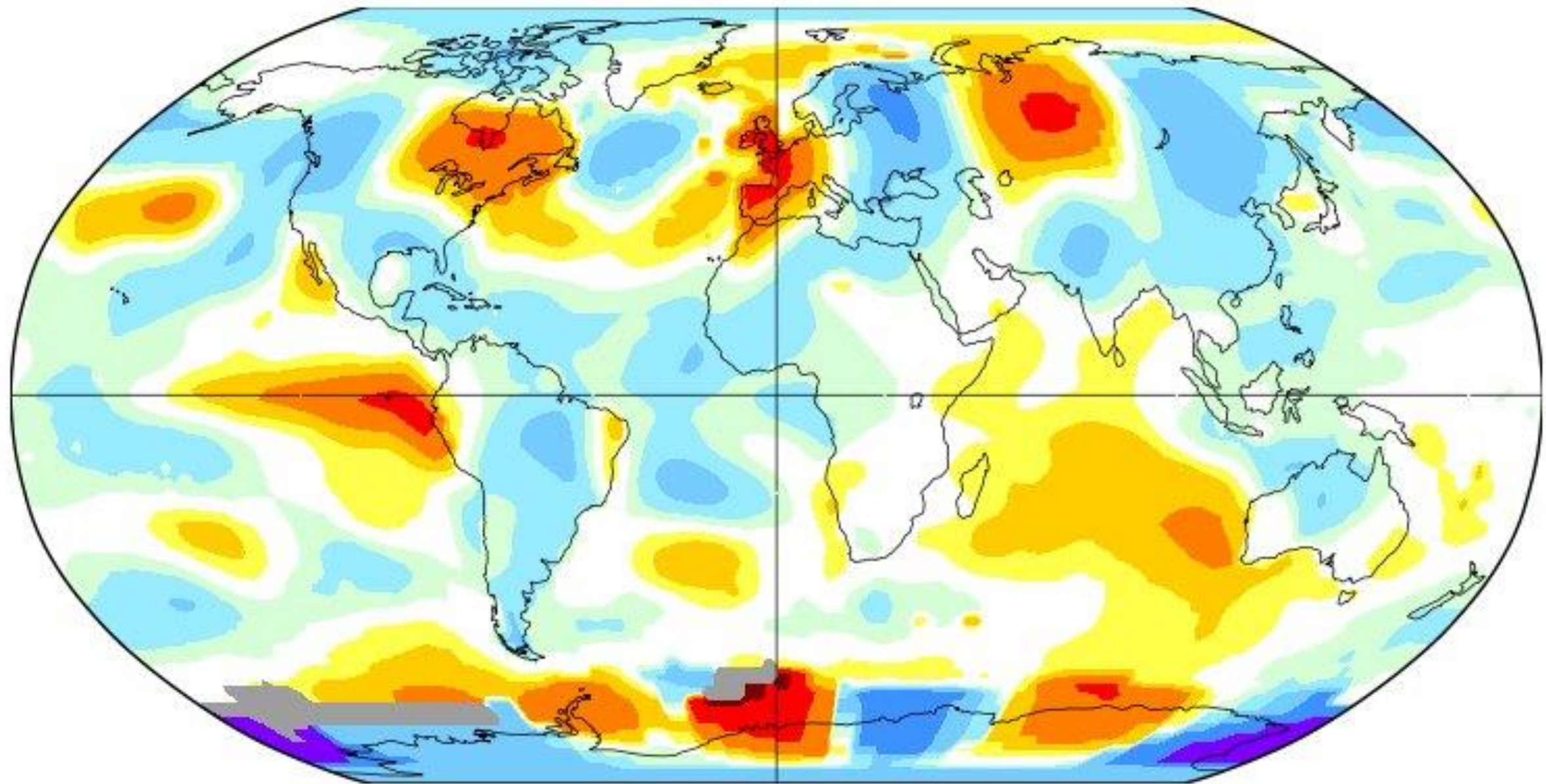
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June 1976

L-OTI(°C) Anomaly vs 1951-1980

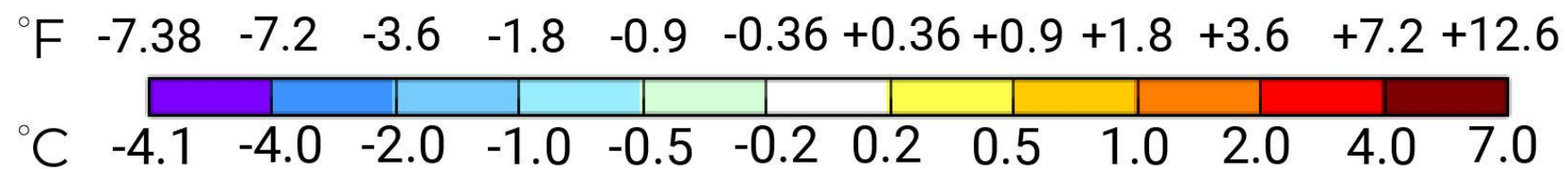
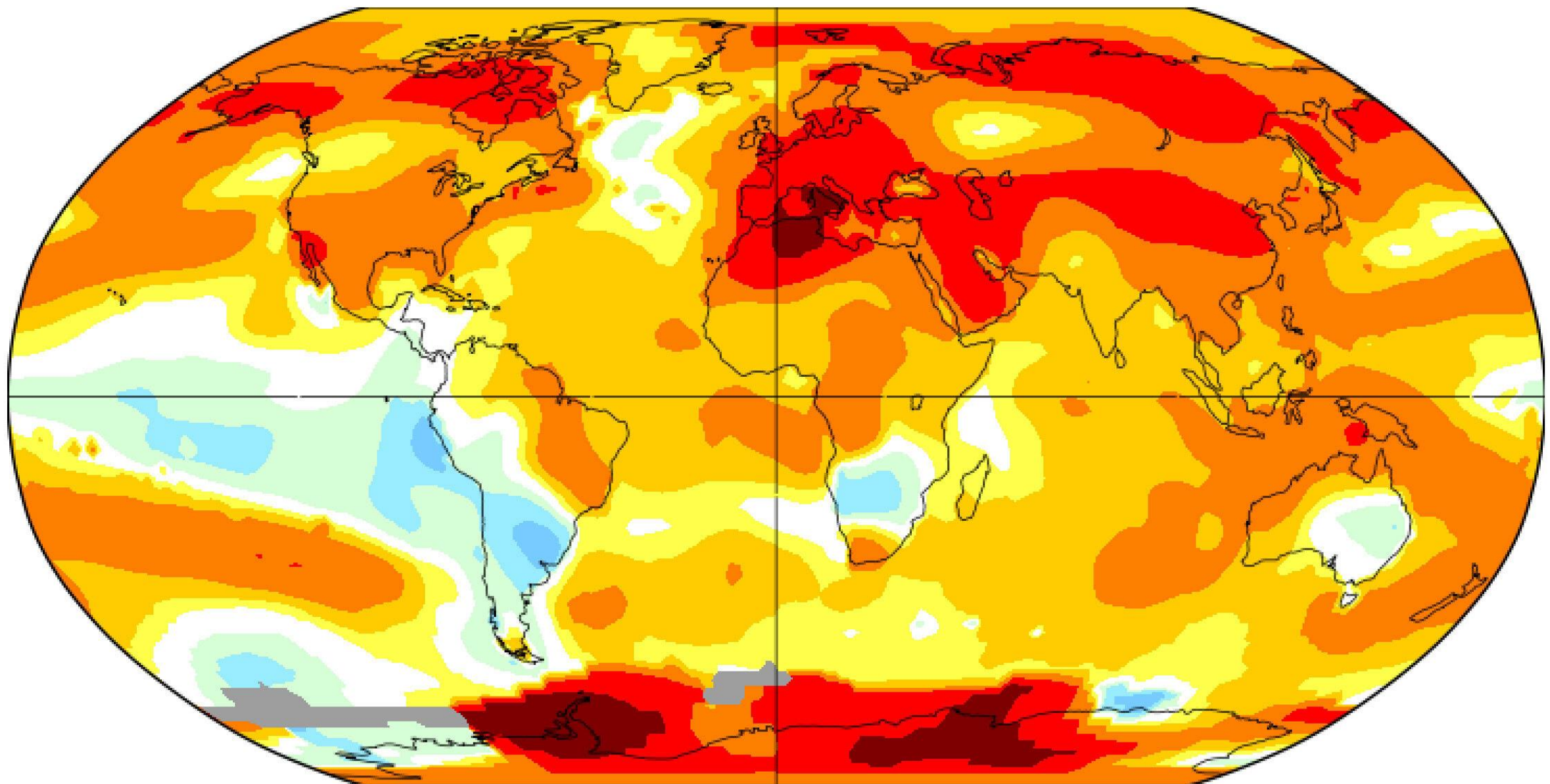
-0.15





June 2022

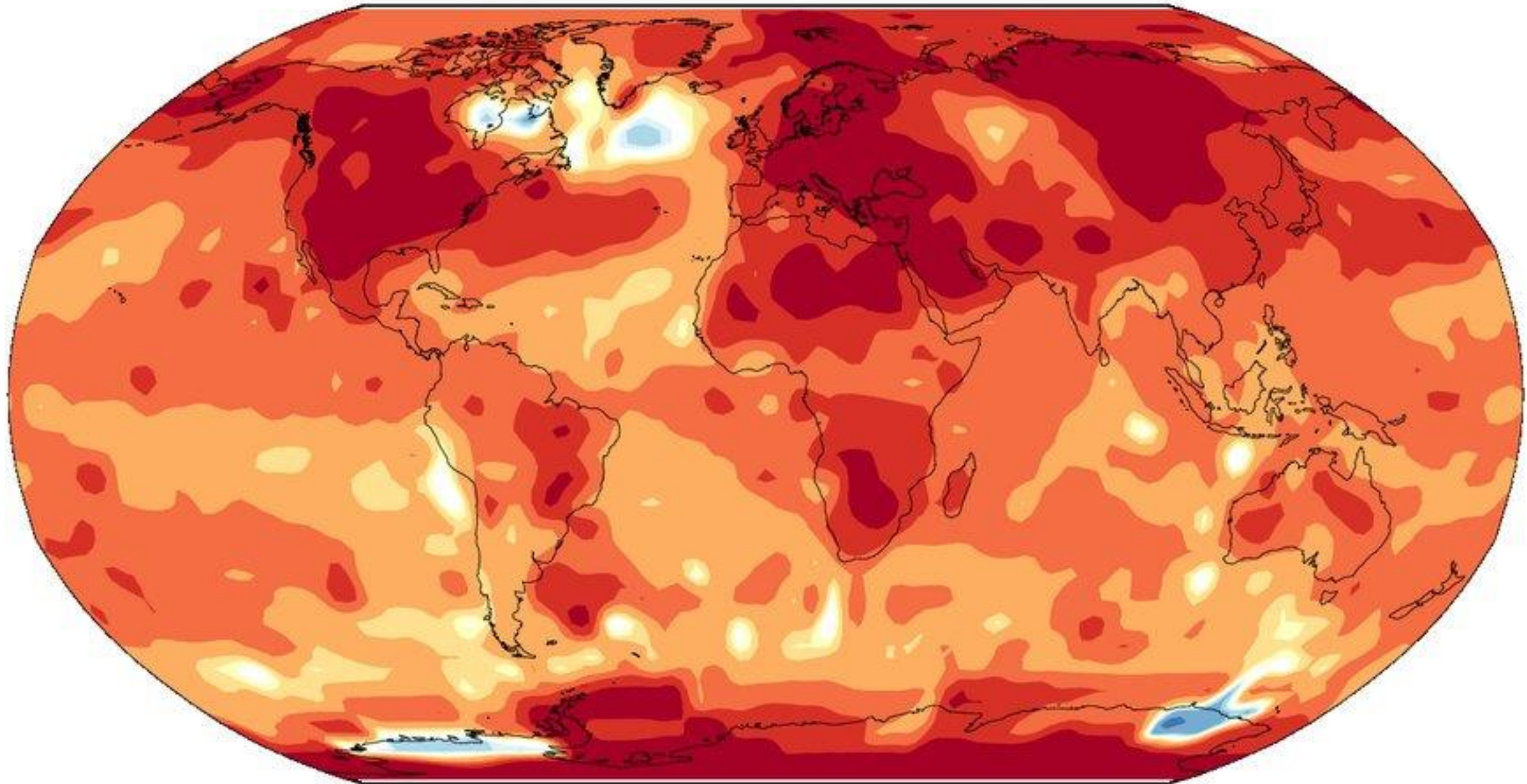
Global Average Temperature Changes (June): 0.93°C/1.67°F



Notes:



**2070 heatwave with 50 years warming RCP 6.0)**









# Insect populations in Germany have collapsed by **78%** since 1991

## Where have all the insects gone?

By **Gretchen Vogel** | May. 10, 2017, 9:00 AM

Entomologists call it the windshield phenomenon. "If you talk to people, they have a gut feeling. They remember how insects used to smash on your windscreen," says Wolfgang Wägele, director of the Leibniz Institute for Animal Biodiversity in Bonn, Germany. Today, drivers spend less time scraping and scrubbing. "I'm a very data-driven person," says Scott Black, executive director of

## Flying insect numbers have plunged by **60%** since 2004, GB survey finds

Scientists behind survey of car number plates said drop was 'terrifying', as life on Earth depends on insects

1998



2018





Environment ► Climate change Wildlife Energy Pollution

## Insects

**Damian Carrington**  
*Environment editor*

🐦 @dpcarrington

Sun 10 Feb 2019 18.00 GMT



243,384  1,393 

# Plummeting insect numbers 'threaten collapse of nature'





# Paris fumigates for tiger mosquitoes as tropical pest spreads across Europe

Health authorities in Paris fumigated areas of the French capital for the first time on Thursday to kill disease-carrying tiger mosquitoes whose rapid advance through northern Europe is thought to have been accelerated by climate change.

Issued on: 31/08/2023 - 17:51 ⌚ 2 min



**Climate and  
Environment** ›

Sick Trees

Trump's Changes

Climate

## *Wildlife Collapse From Climate Change Is Predicted to Hit Suddenly and Sooner*

Scientists found a “cliff edge” instead of the slippery slope they expected.





**Fifth of countries at risk of  
ecosystem collapse,  
analysis finds**

# 'Nature has more or less collapsed in Ireland'

Updated / Wed

## Ireland's biodiversity needs intensive care

Earth's organs are showing signs of failure and the prognosis could not be more serious

## The Irish Times view on biodiversity collapse: we're running out of time

A radical cultural shift is required, starting with an end to the model of infinite growth in consumption

🕒 Wed, May 8, 2019, 00:10



## Third of Irish rivers and a quarter of lakes fail water quality standards

Nitrate concentrations above drinking water standard can pose risk to human health

🕒 Tue, Dec 15, 2020, 00:00

## Loss of Ireland's biodiversity is accelerating - and we're missing the chance to halt it

Noteworthy reveals virtually no protected sites have management plans and Ireland is moving further away from a target for effective nature conservation.





Working  
with nature

English

an initiative by **Bord Bia**  
Irish Food Board

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# Origin Green

Our ambition is simple: to make Ireland  
a world leader in sustainably produced  
food and drink >>

Watch  
our story





○ Selected Natura 2000 nodes

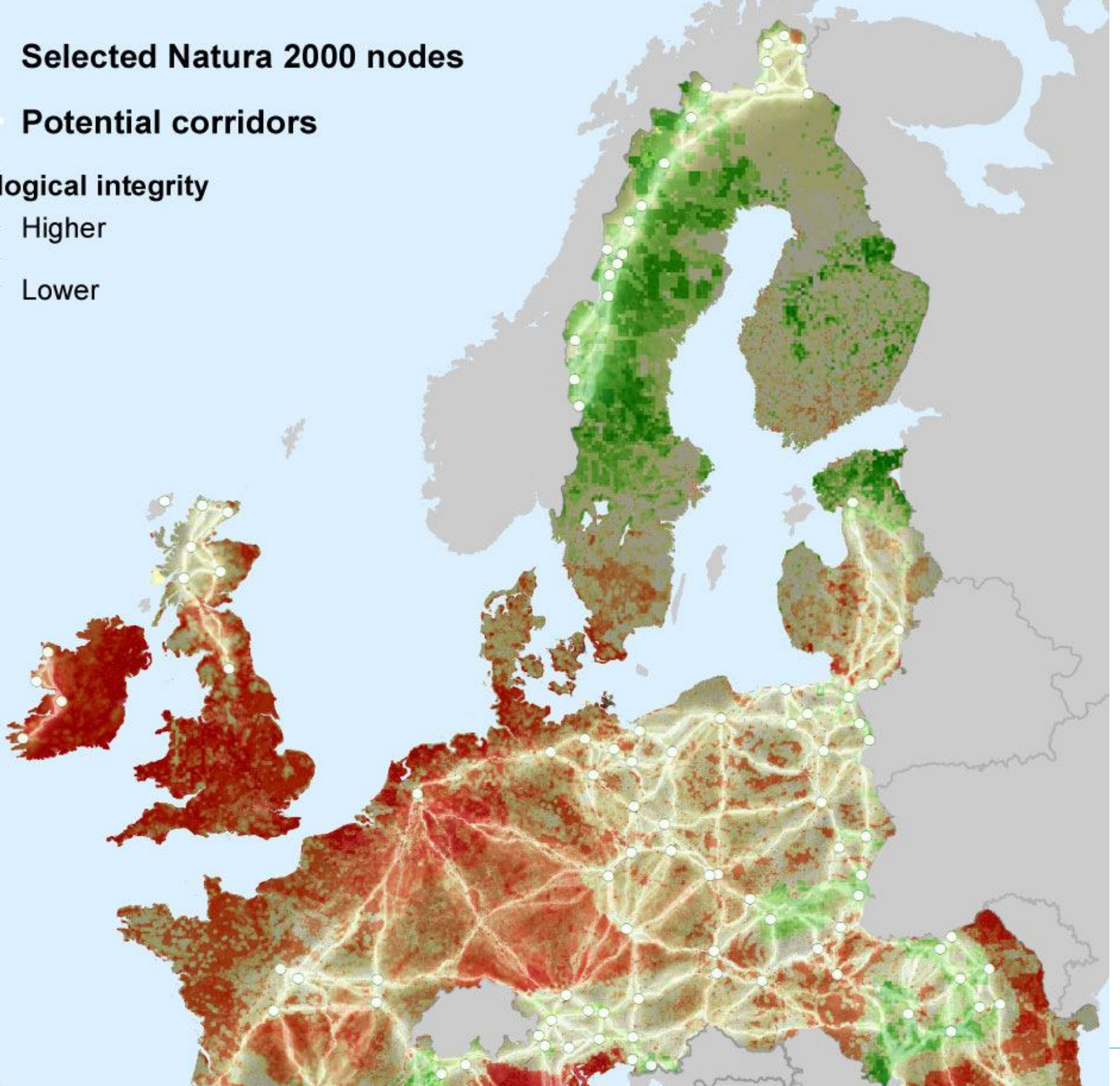
— Potential corridors

Ecological integrity



Higher

Lower







News > Education > Education News

# Climate change activism 'reducing mental health symptoms among young people'

'Standing shoulder to shoulder with activists helps overcome sense of powerlessness,' head says

**Eleanor Busby** Education Correspondent |



**Hopium:** A powerful narcotic



We Need Courage, Not  
Hope, To Face Climate  
Change





**“Grief processed on one’s own turns  
to despair, but **grief processed  
communally becomes medicine**”**

**- Dr Christina Nichol**

**“The thing that will save us may be  
our own broken hearts, for true action  
can only come through these deeper  
feelings”**

**- Dr Christina Nichol**



# The 3 stages of grief

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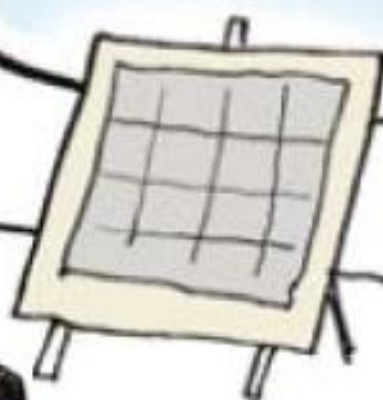
- i) Despair
- ii) Accept
- iii) **Act**





# CLIMATE SUMMIT

- ENERGY INDEPENDENCE
- PRESERVE RAINFORESTS
- SUSTAINABILITY
- GREEN JOBS
- LIVABLE CITIES
- RENEWABLES
- CLEAN WATER, AIR
- HEALTHY CHILDREN
- ETC. ETC.



12/7/9 USA TODAY

JOEL PETT





John Gibbons  
— *Presenter* —

# Thank You!



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