

Neuro-climate 1-slide overviews

Started by Anne Urai: add your own and make suggestions!

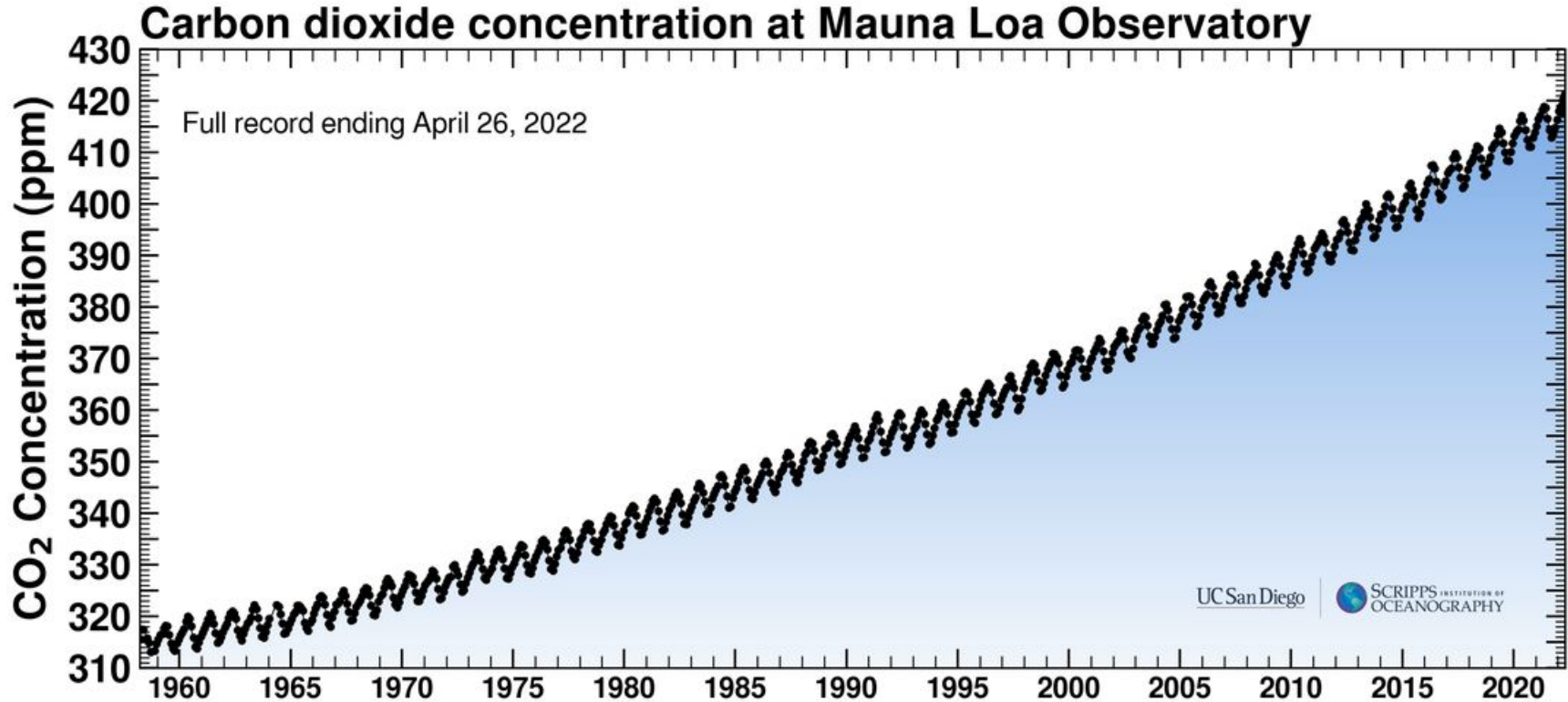
Full slide deck by Anne

[1Jzm38Pp7hSkHJ8eTLAWvRhkUYTnj5GTrhttps://drive.google.com/file/d//view](https://drive.google.com/file/d/1Jzm38Pp7hSkHJ8eTLAWvRhkUYTnj5GTr/view)

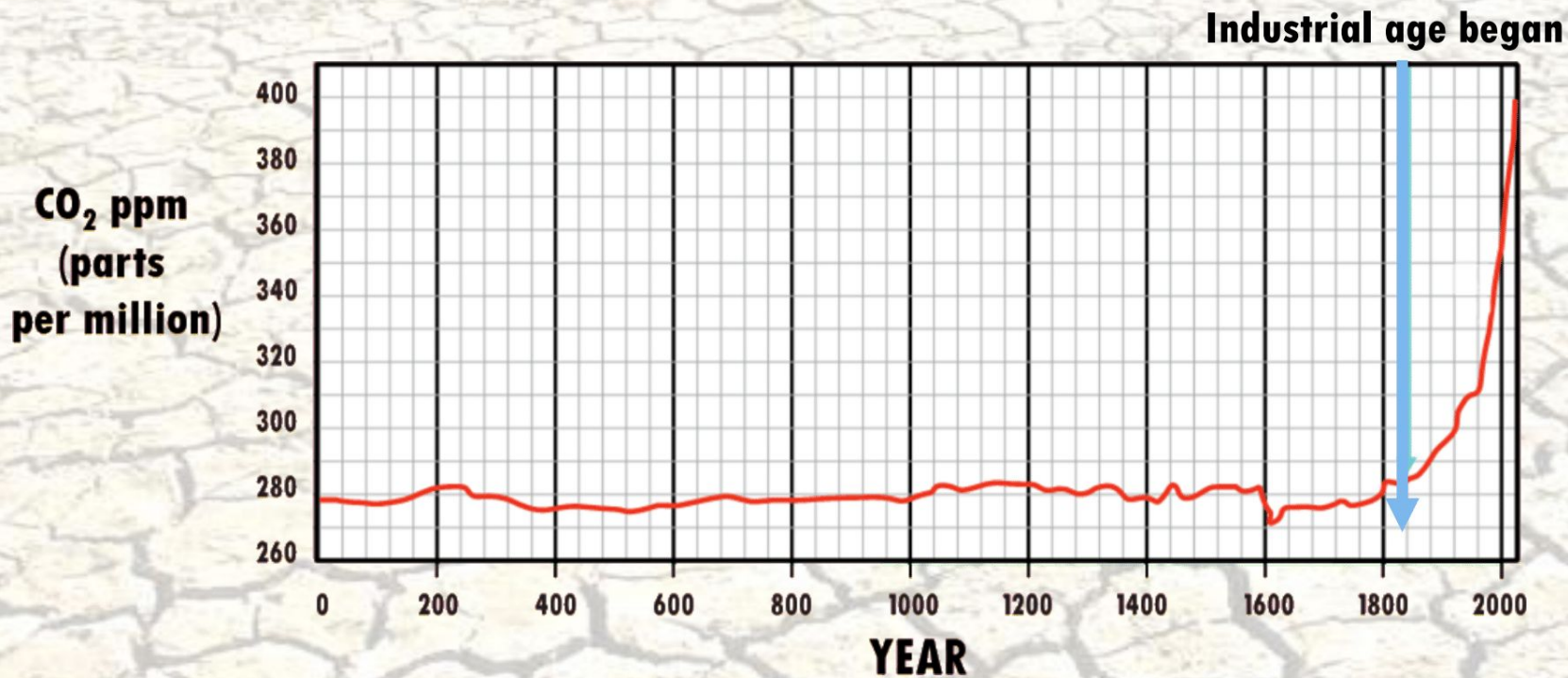
Slide deck on Urai & Kelly (2023) Rethinking academia in a time of climate crisis

https://docs.google.com/presentation/d/1osWThYre9sBGukP3ywPLw5yjPQcFmre-opY18z4QwM0/edit#slide=id.g22cc82b0b00_0_34

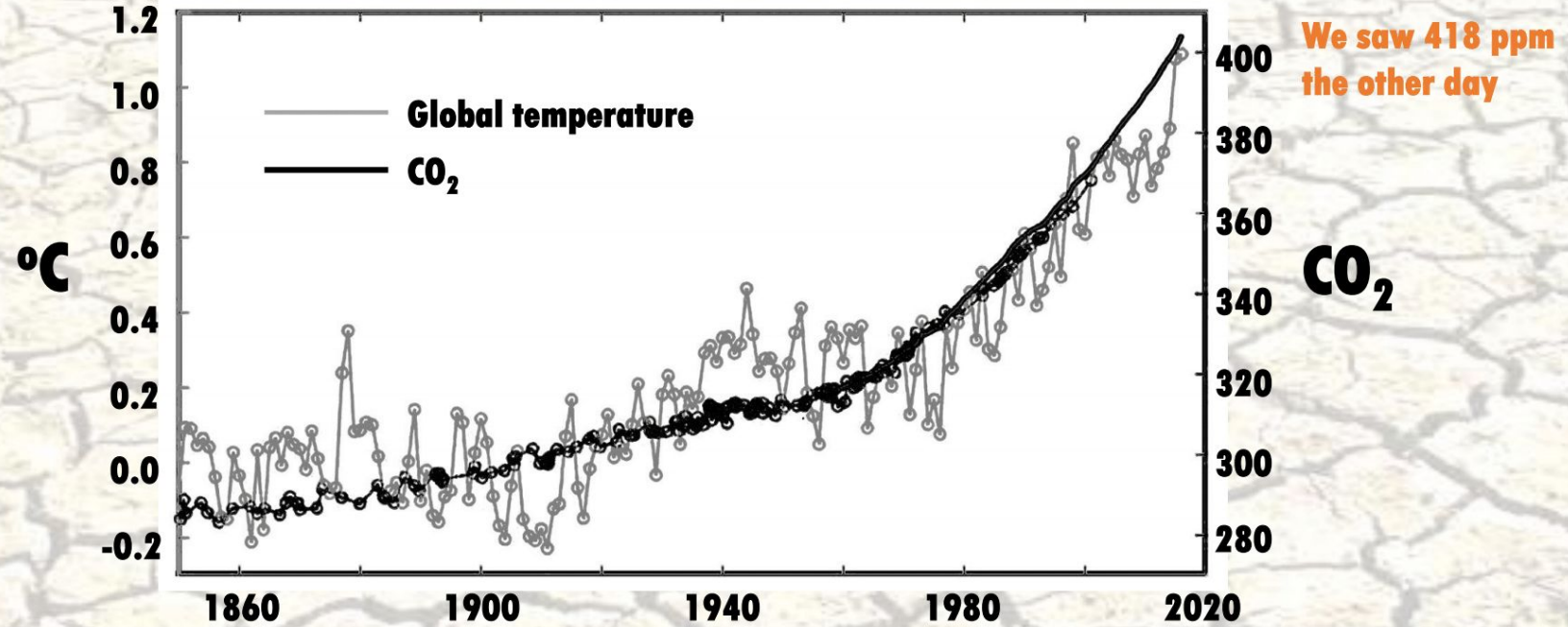
Atmospheric CO₂ is increasing (we should stay below 350 ppm)



Greenhouse gas levels are skyrocketing

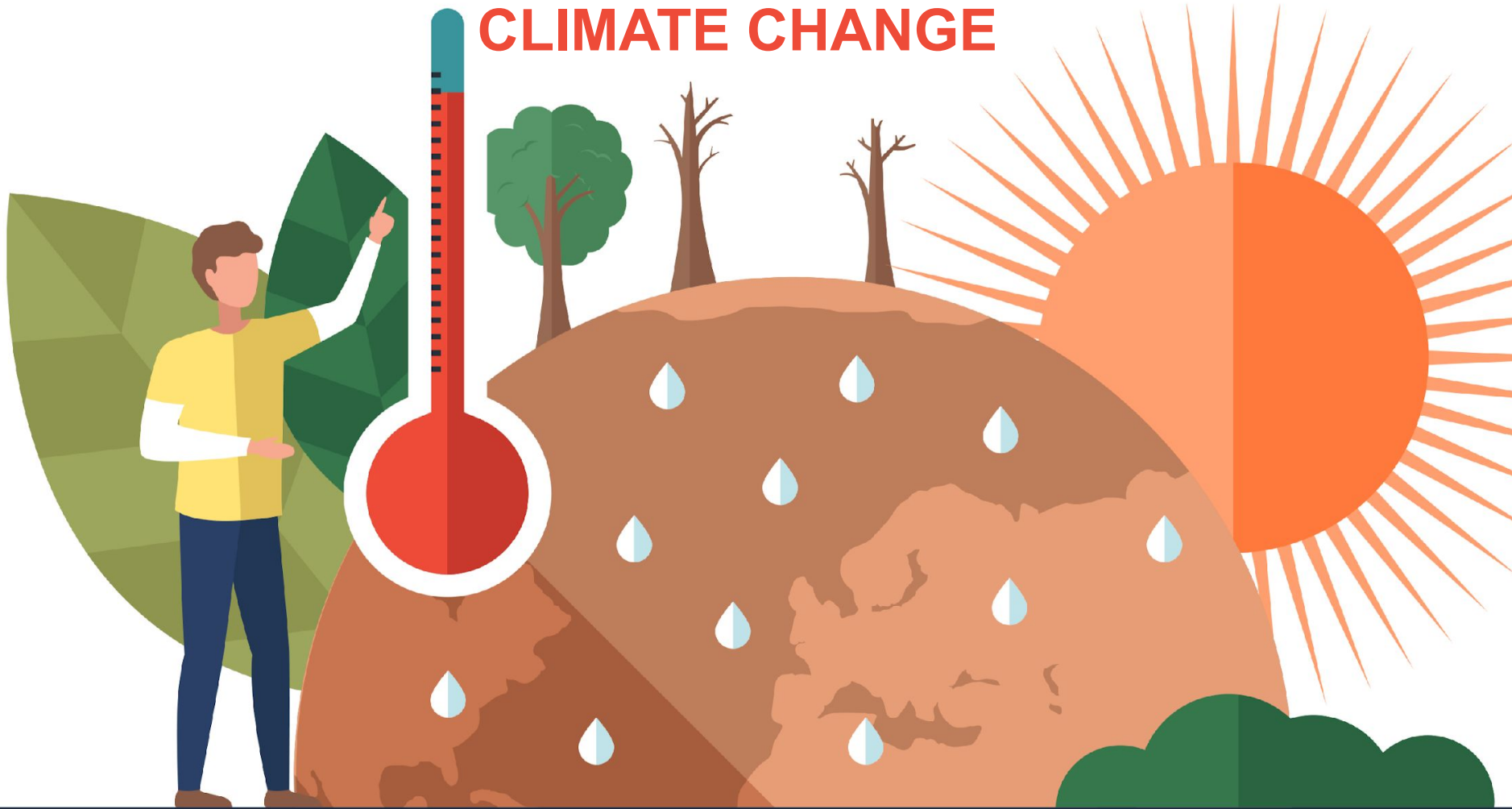


The problem



Adapted from Henley and Abram, <http://tiny.cc/tdqeez>

CLIMATE CHANGE

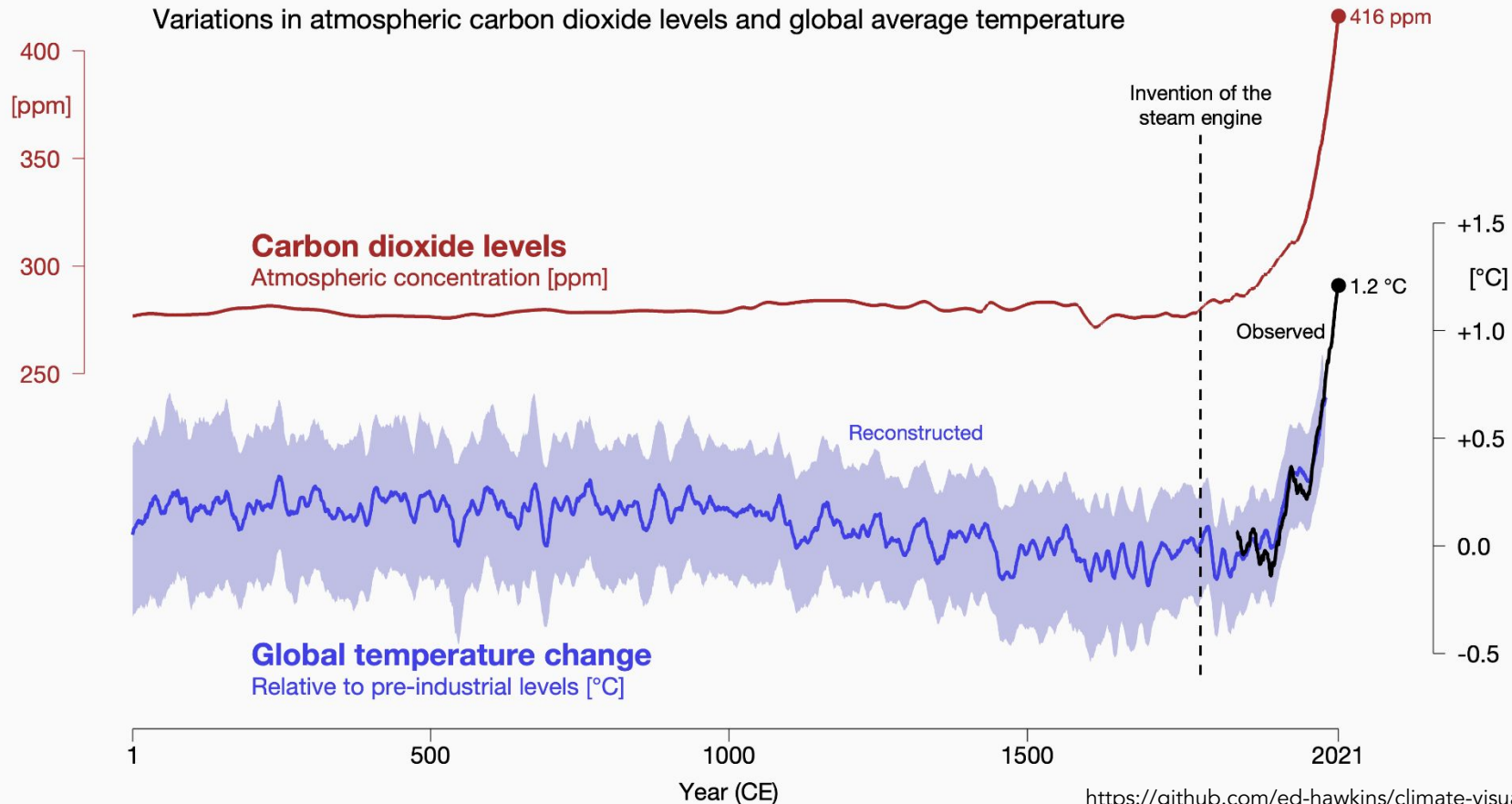


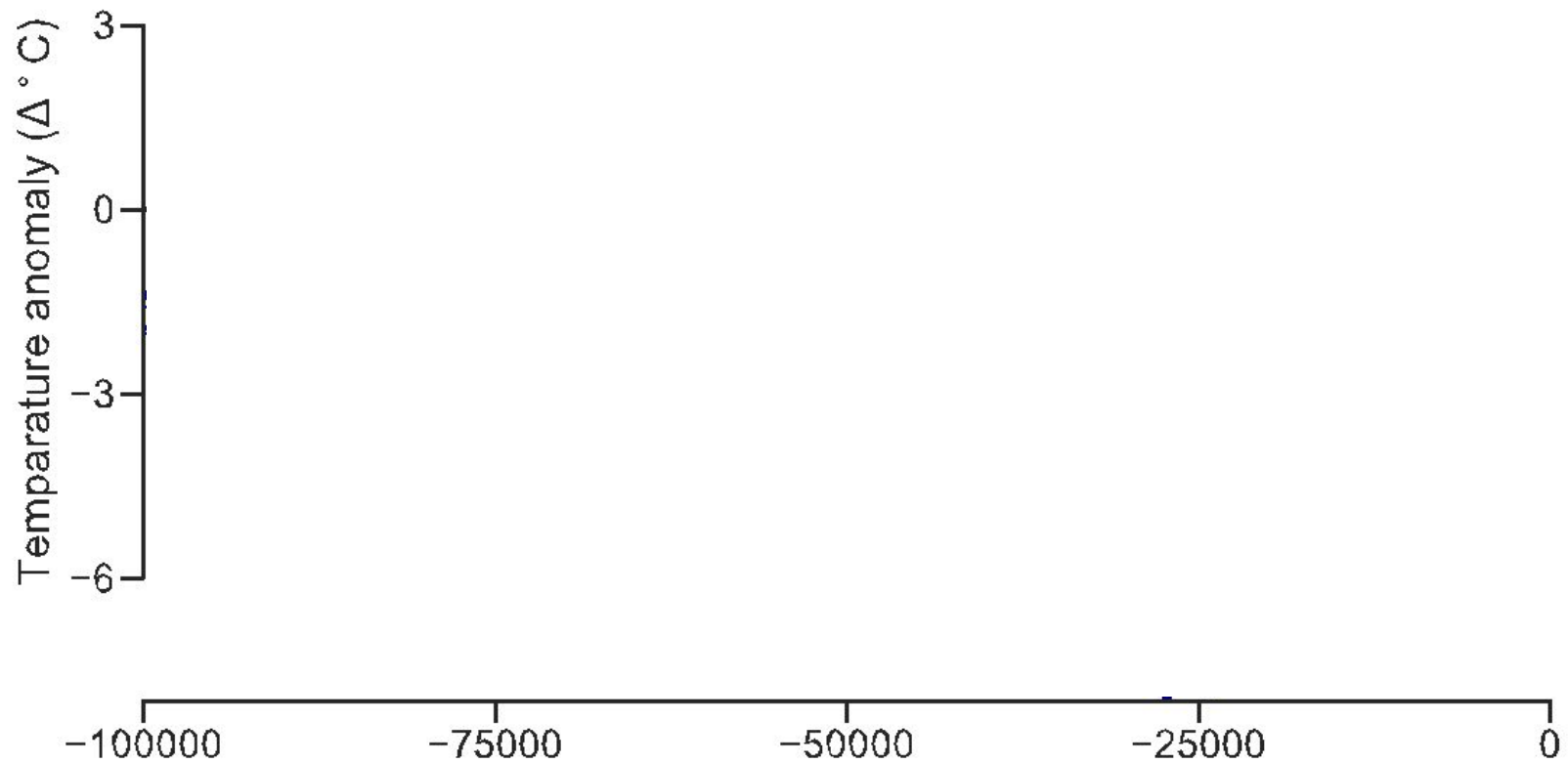
A PALE BLUE DOT

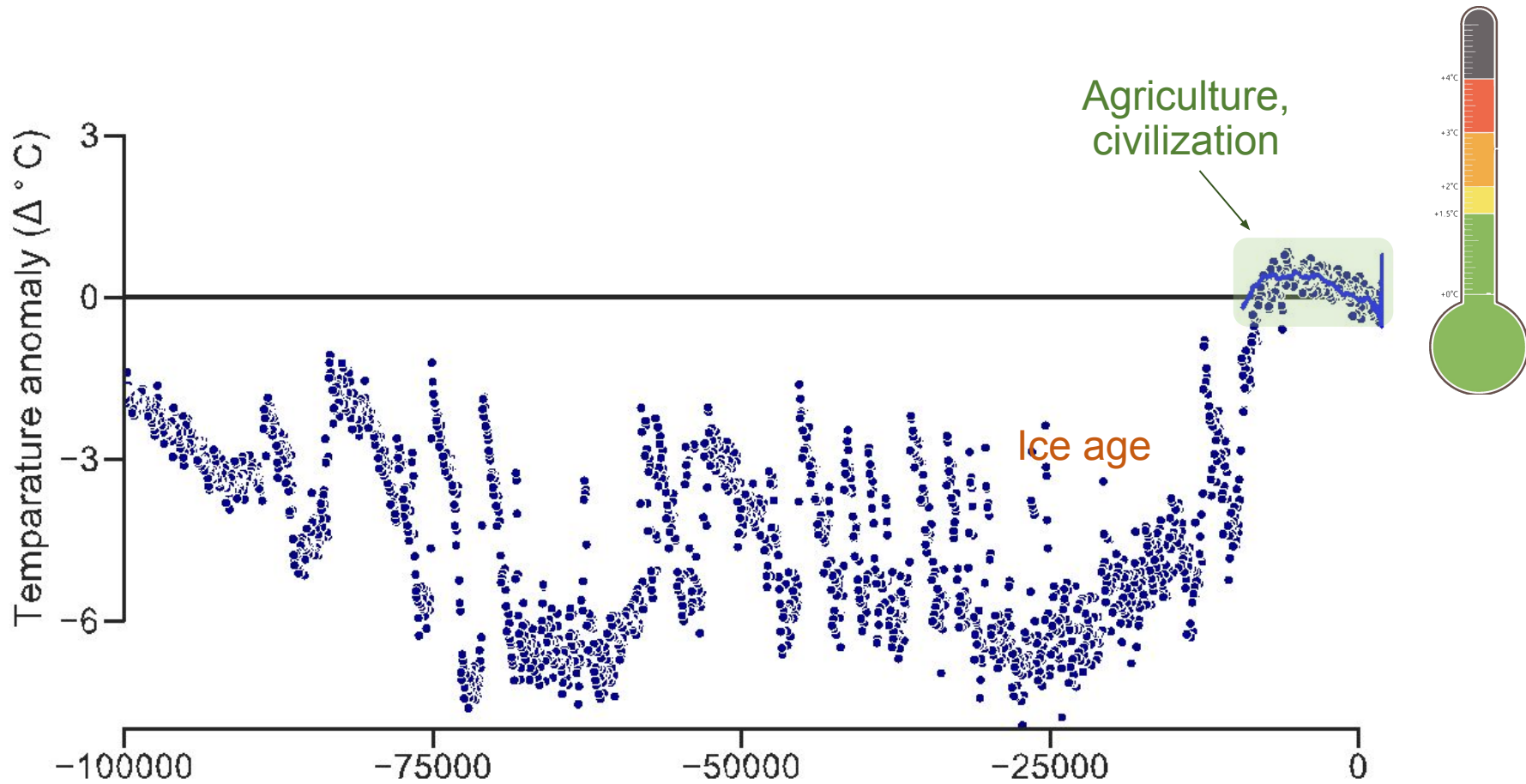


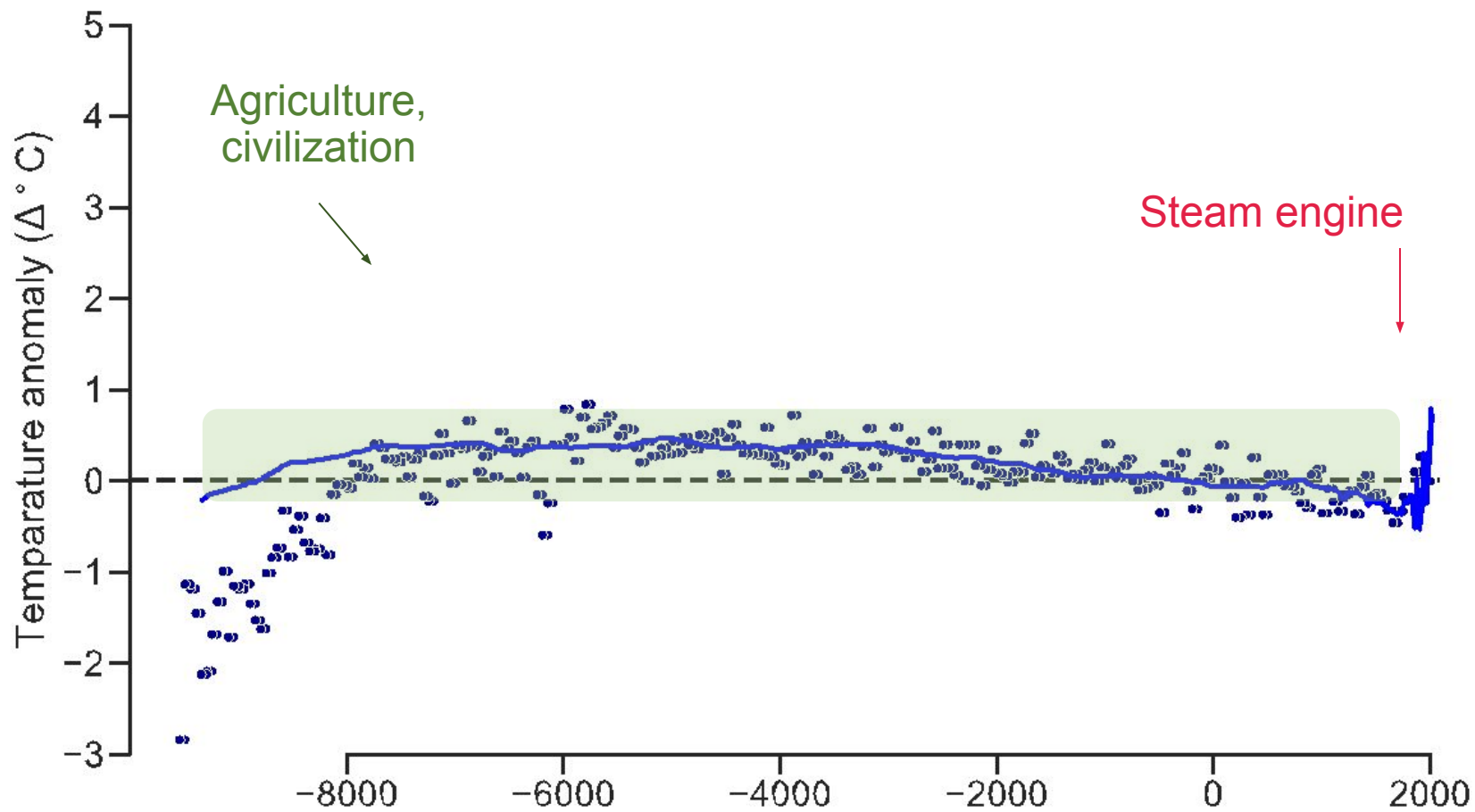
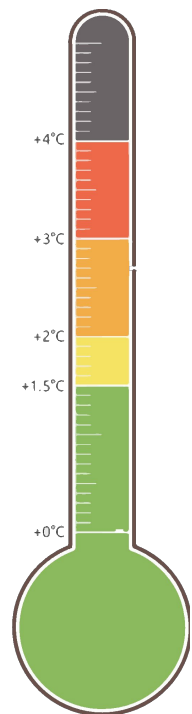
Observed changes in climate over the last 2021 years

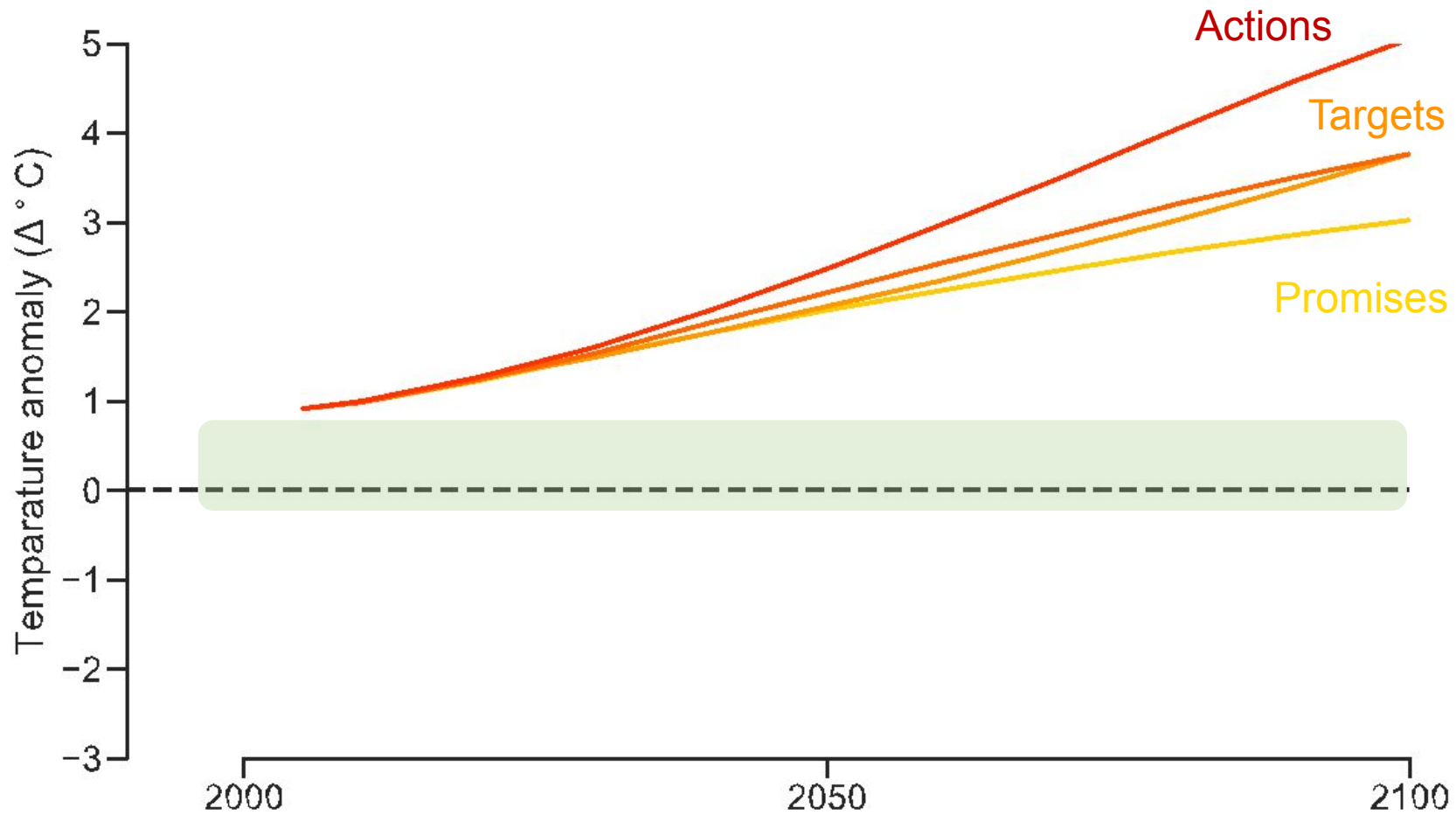
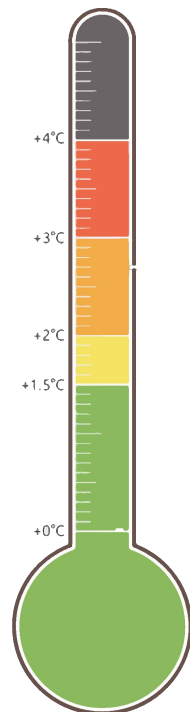
Variations in atmospheric carbon dioxide levels and global average temperature

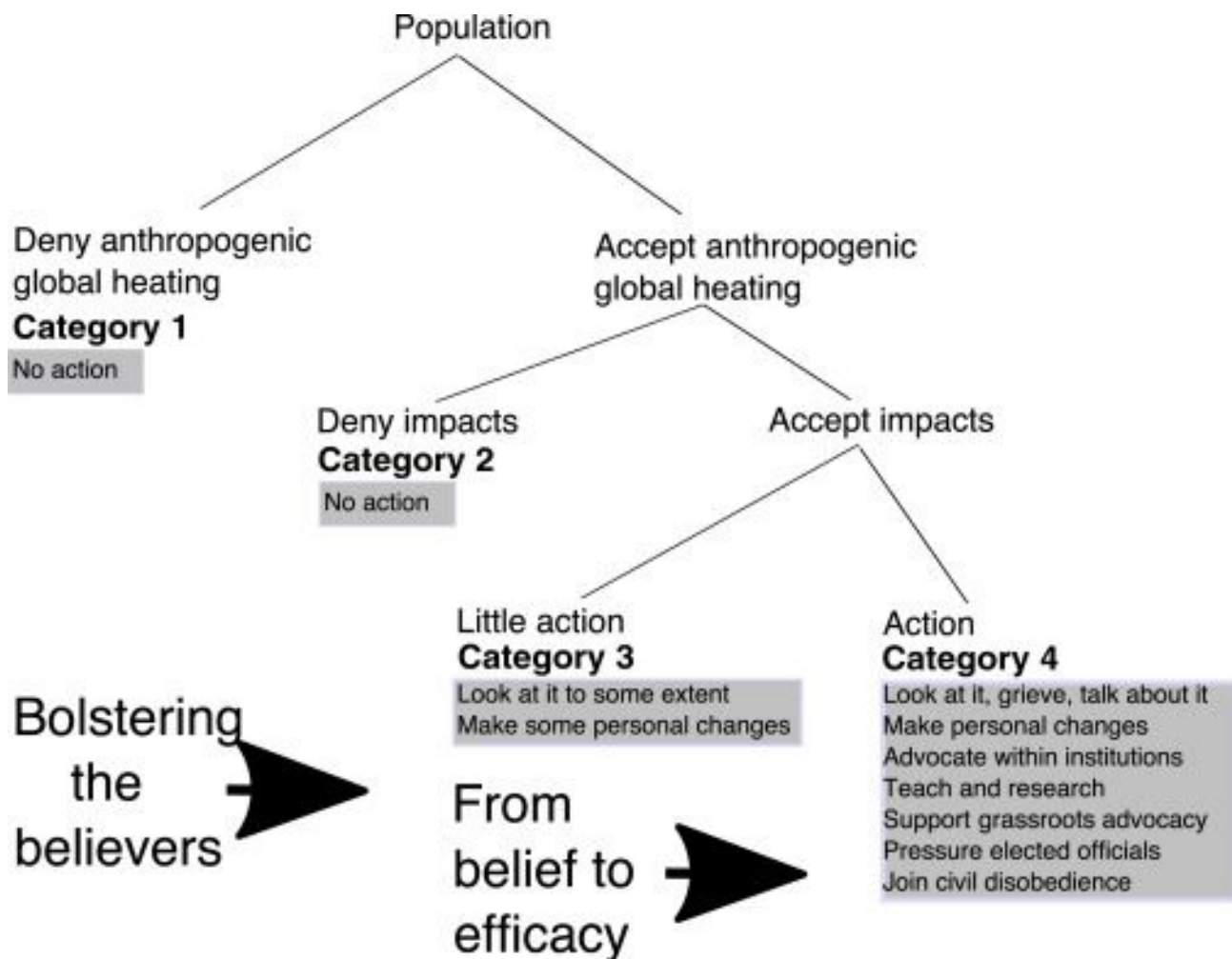










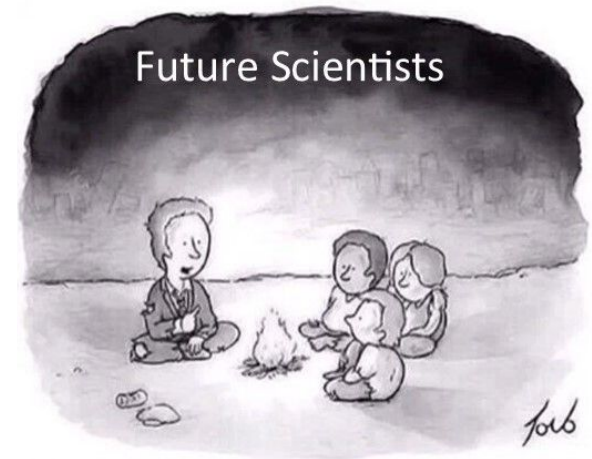


SYSTEMS CHANGE IN SCIENCE

Why should we (as neuroscientists) care & act?

We

- understand data
(exponential processes, feedback loops, homeostasis)
- know something about human behavior
- are (mostly) respected and sometimes influential
- work in large organizations, where change can percolate
- teach the next generation
- have seen big social changes happen
(open science, diversity)



*"Yes, the planet got destroyed. But for a beautiful moment in time **I had an h-index of, like, 27**"*

How Can Neuroscientists Respond to the Climate Emergency?

Adam R. Aron,^{1,*} Richard B. Ivry,² Kate J. Jeffery,³ Russell A. Poldrack,⁴ Robert Schmidt,⁵ Christopher Summerfield,^{6,*} and Anne E. Urai⁷

<https://doi.org/10.1016/j.neuron.2020.02.019>

Climate crisis and ecological emergency: Why they concern (neuro)scientists, and what we can do

Charlotte L. Rae¹ , Martin Farley^{2,3}, Kate J. Jeffery⁴ 
and Anne E. Urai⁵ 

<https://doi.org/10.1177/23982128221075430>

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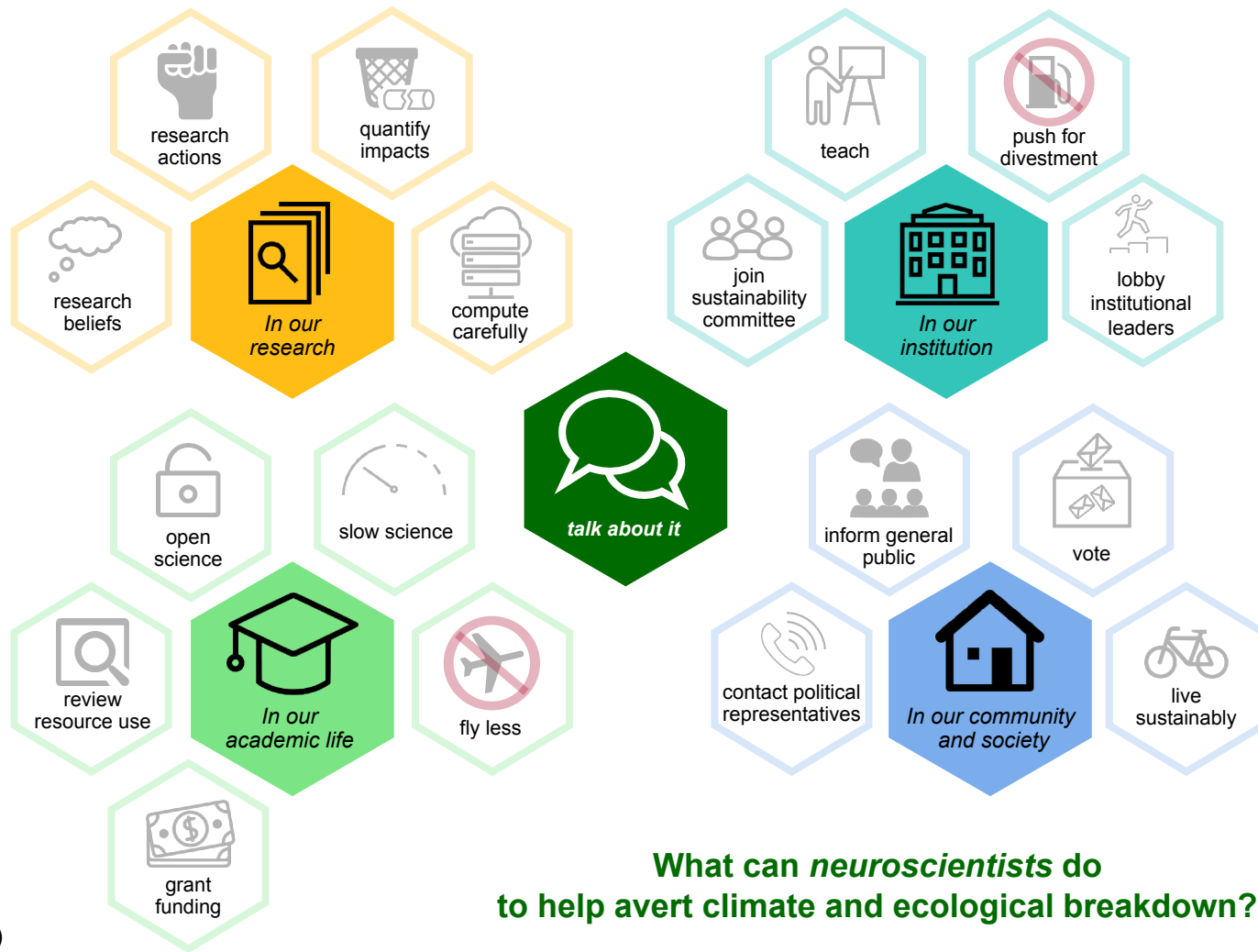
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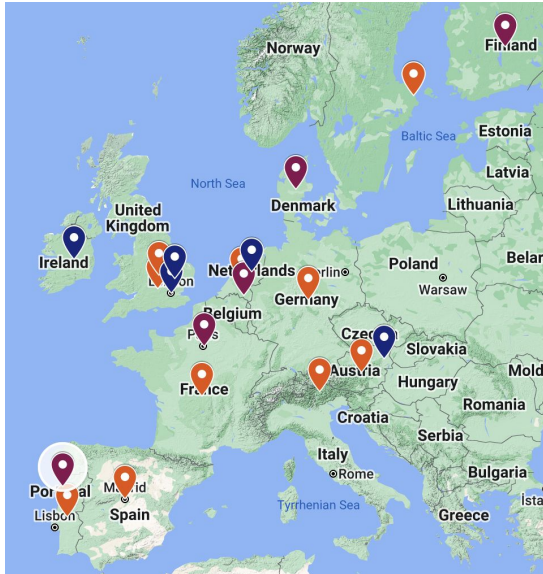
All materials and more resources at
anneurai.net/green-neuroscience



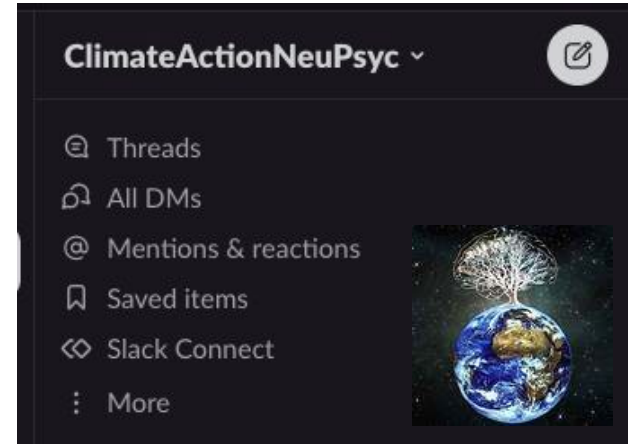
**What can *neuroscientists* do
to help avert climate and ecological breakdown?**

TALK ABOUT IT & JOIN THE COMMUNITY

Local – National - International



<https://tinyurl.com/45dnkyxc>



<https://t.co/mb5g64XH0P>



CLIMATE SUMMIT

WHAT IF IT'S
A BIG HOAX AND
WE CREATE A BETTER
WORLD FOR NOTHING?

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



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