



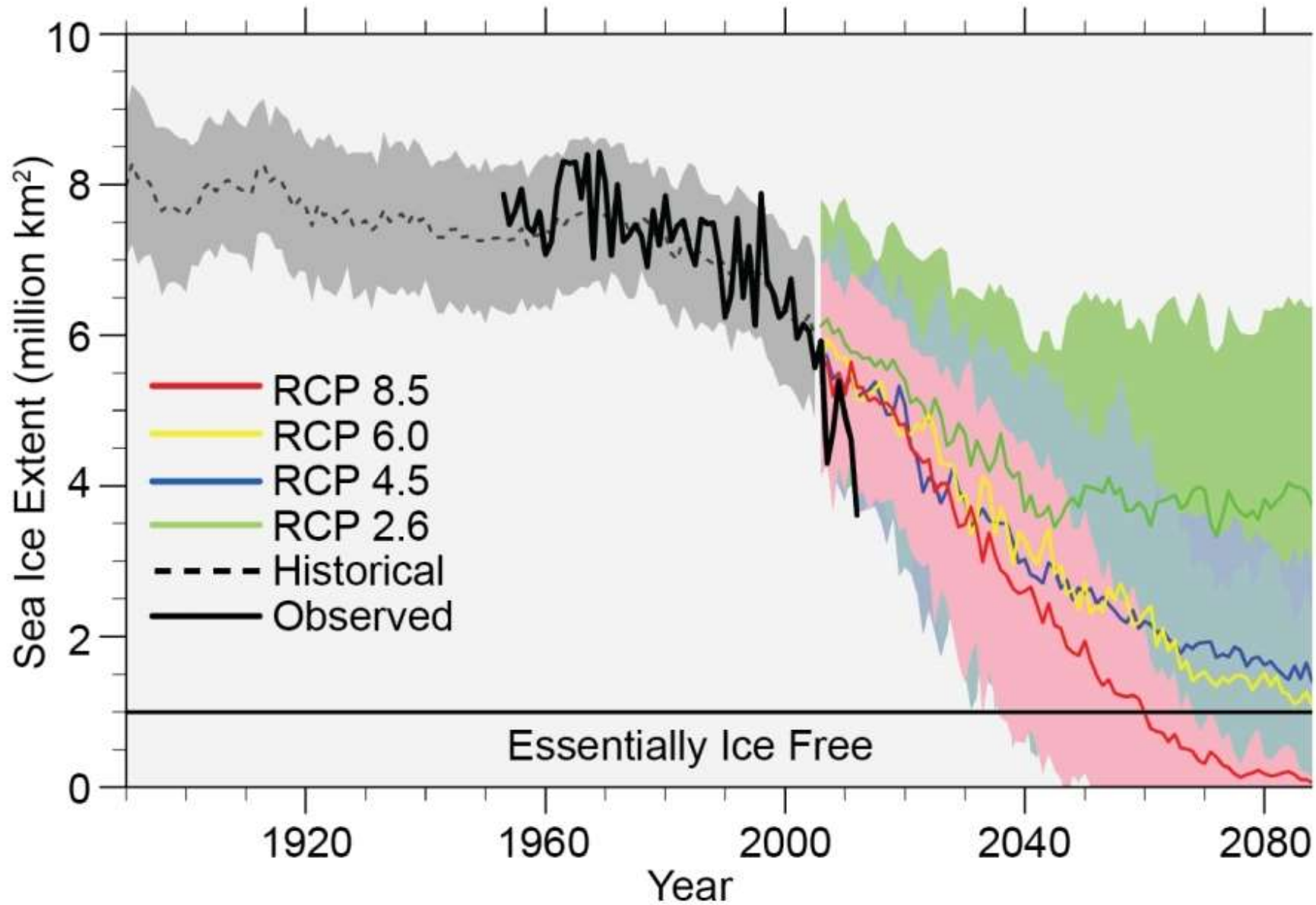
ENVIRONMENTAL GRAPHITI

Science through Art

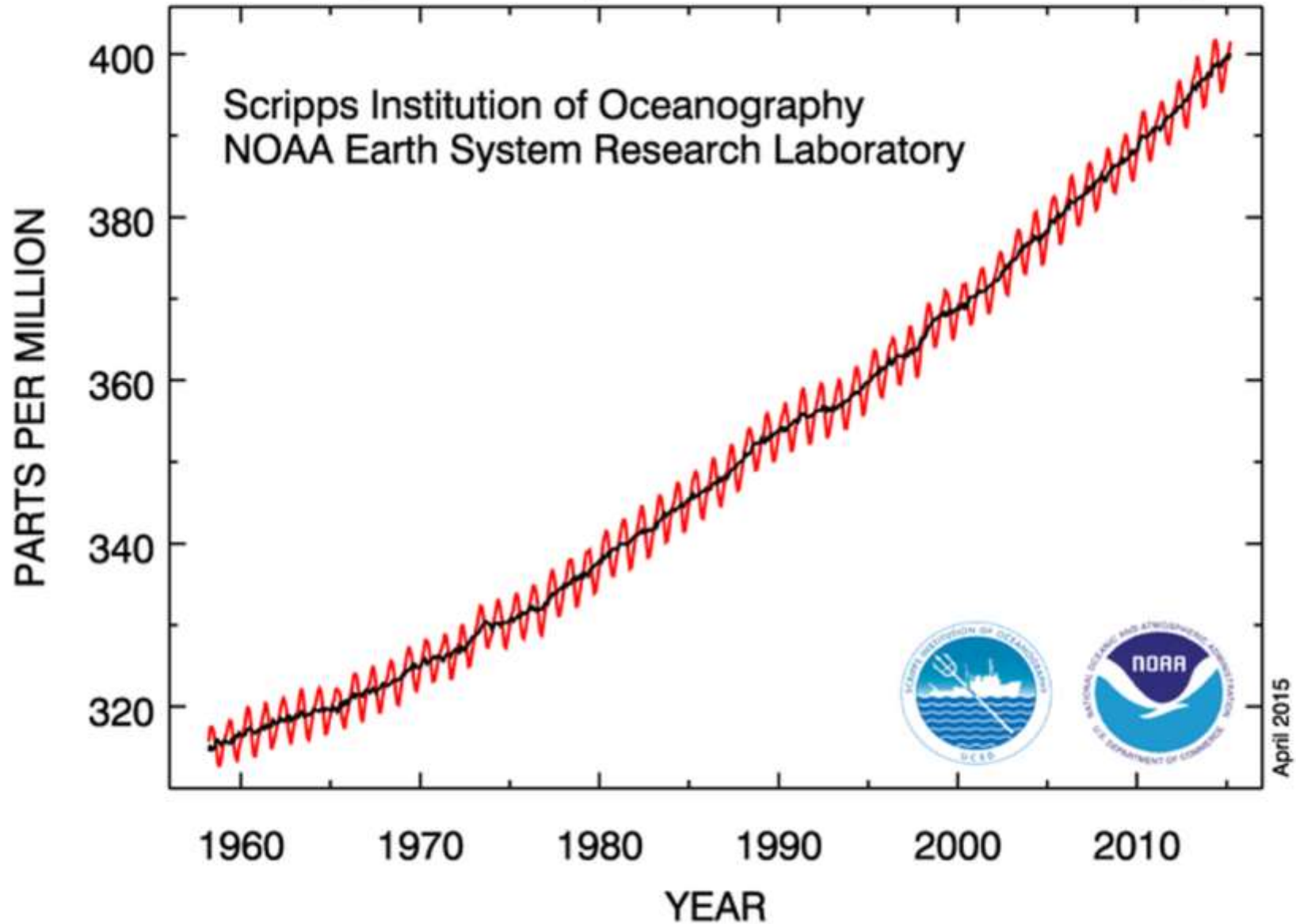
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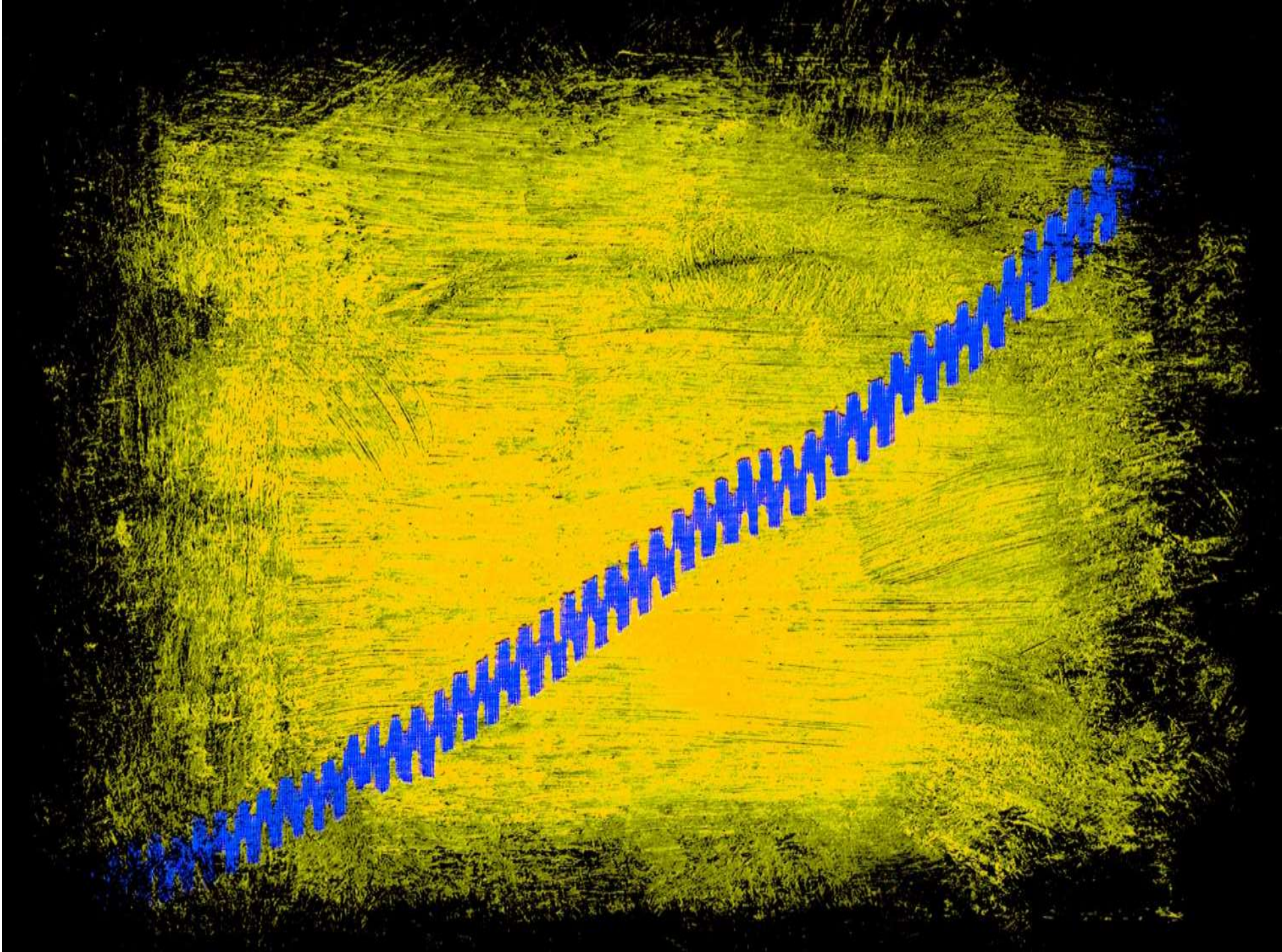


Projected Arctic Sea Ice Decline

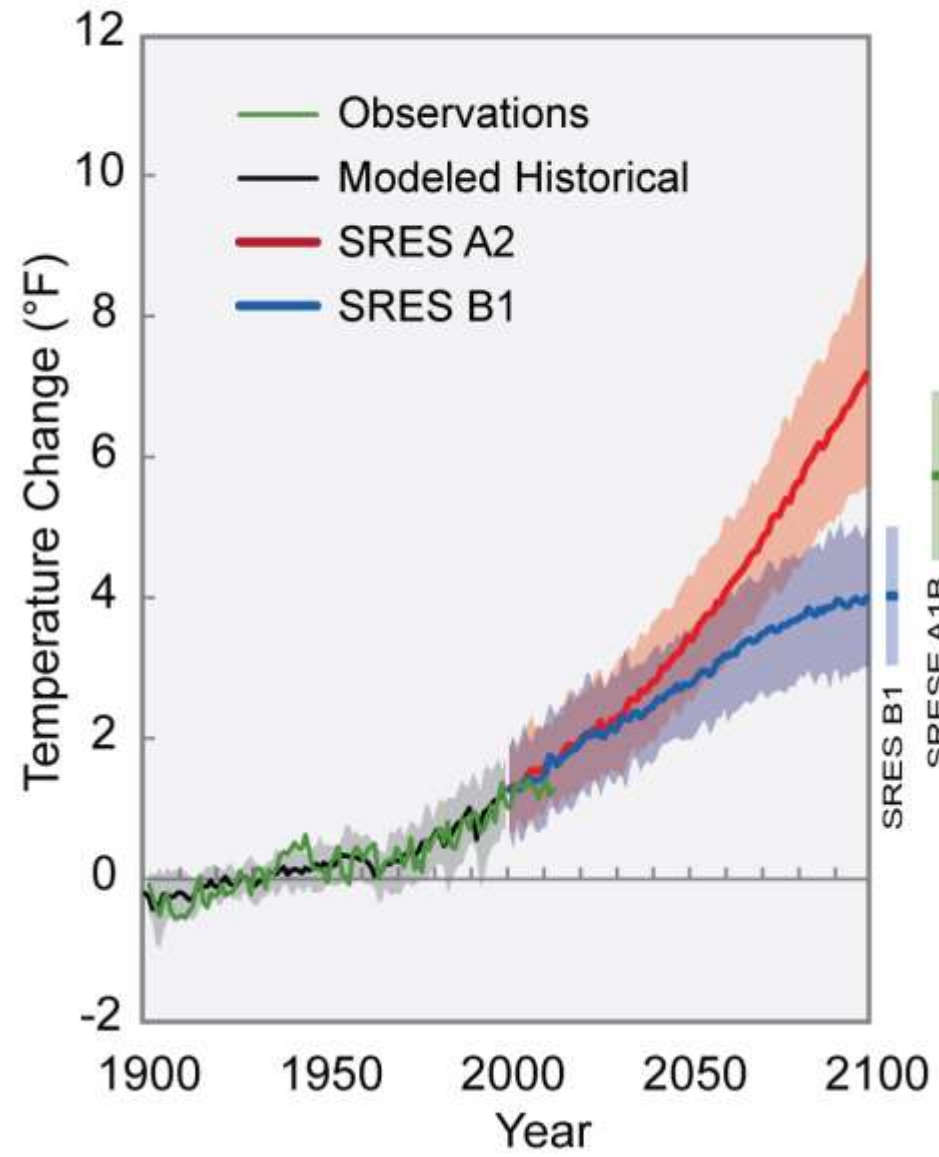


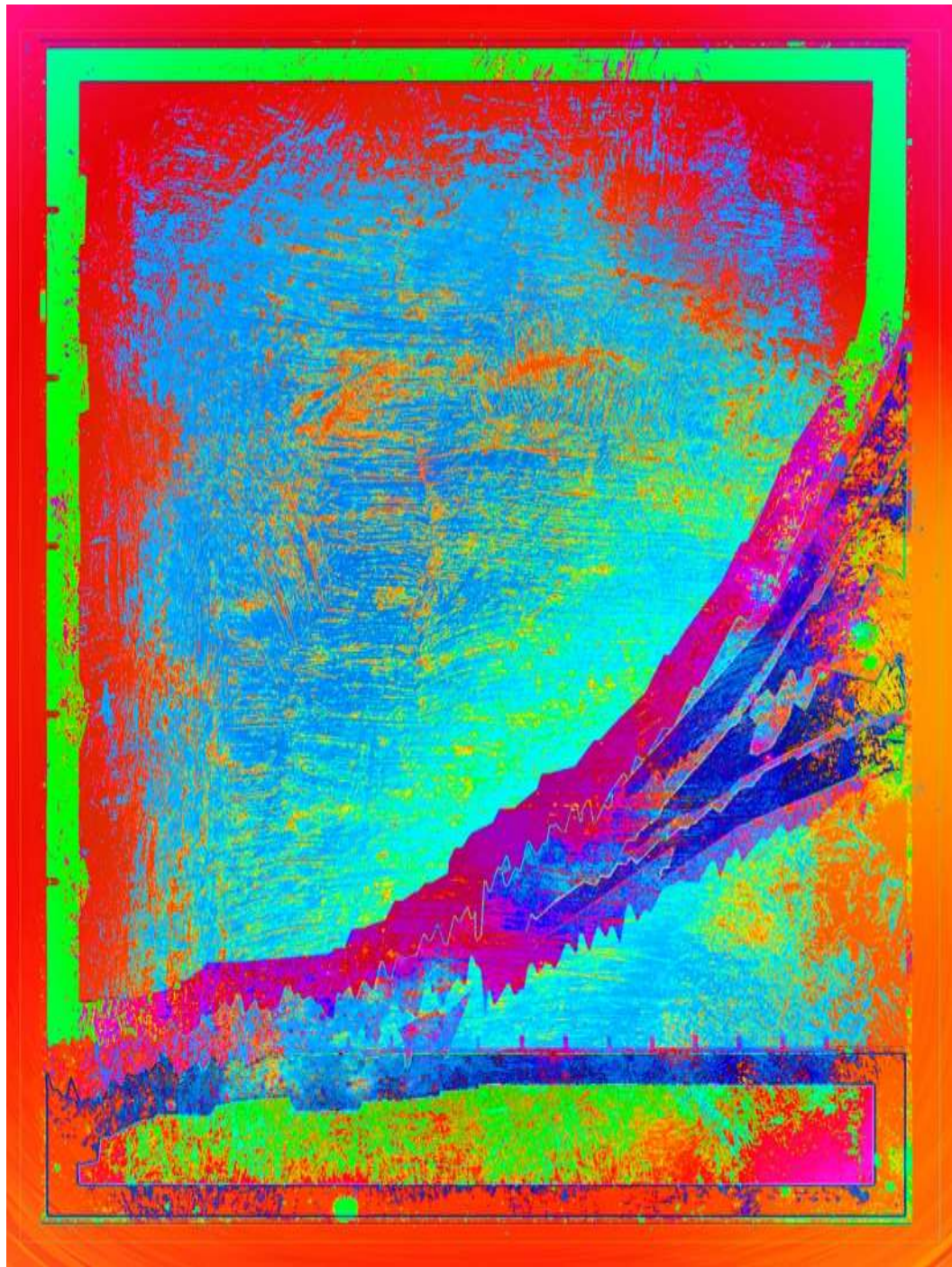
Atmospheric CO₂ at Mauna Loa Observatory



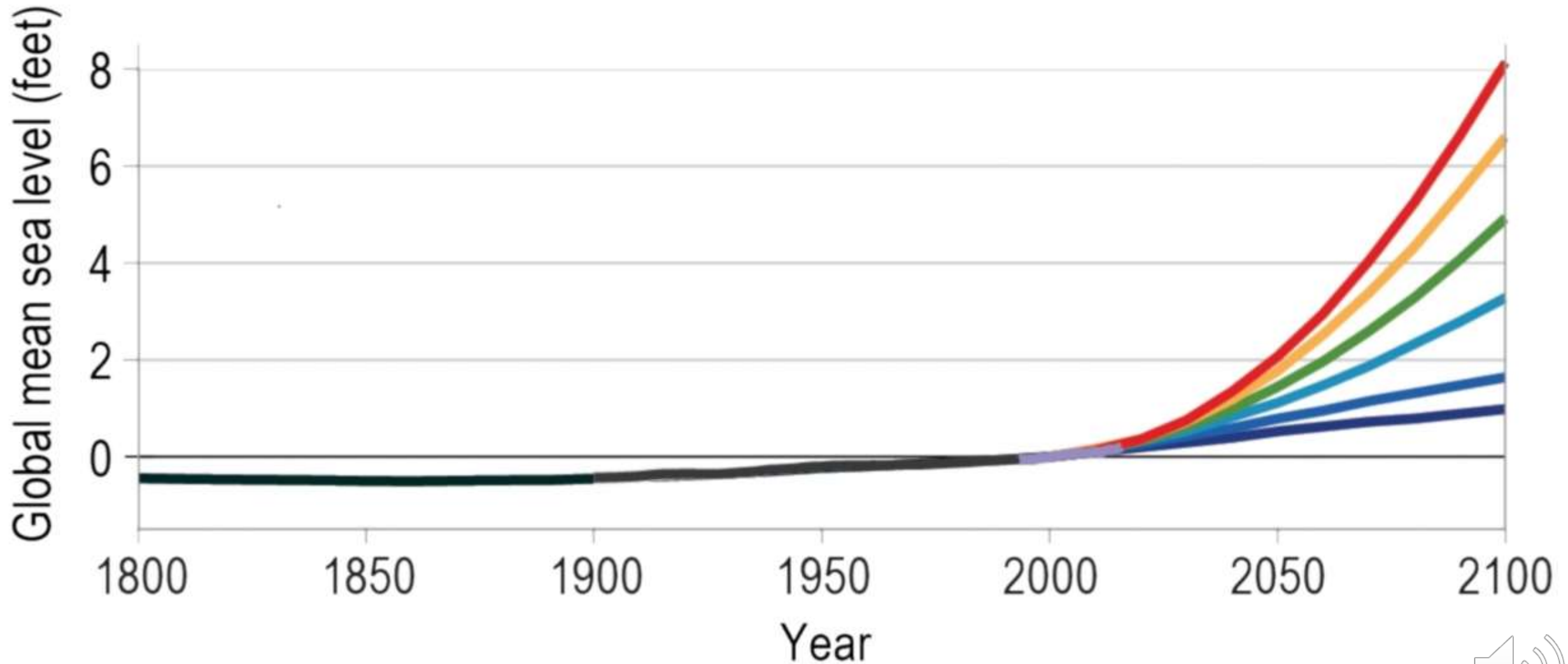


Emissions Levels Determine Temperature Rises

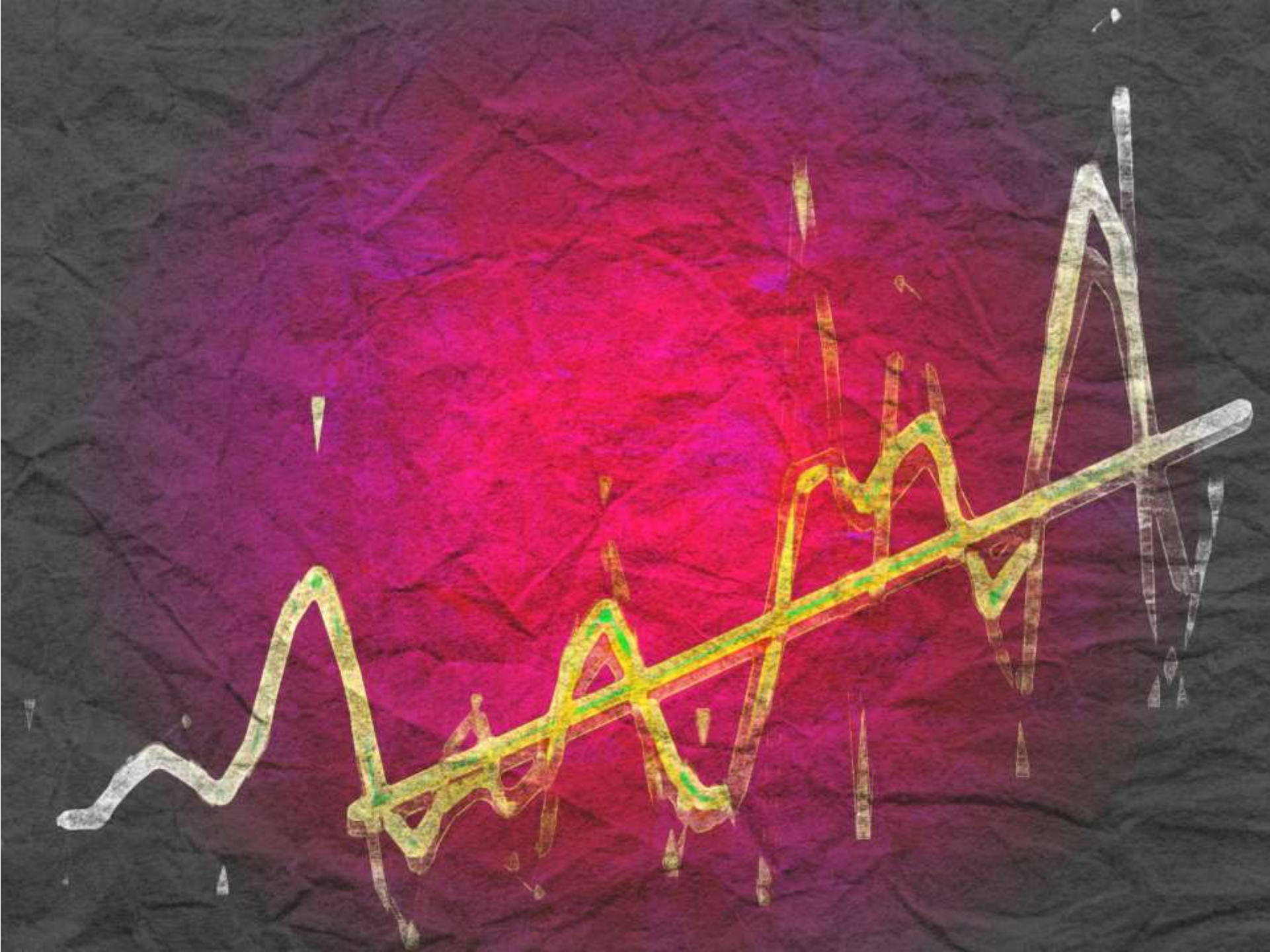


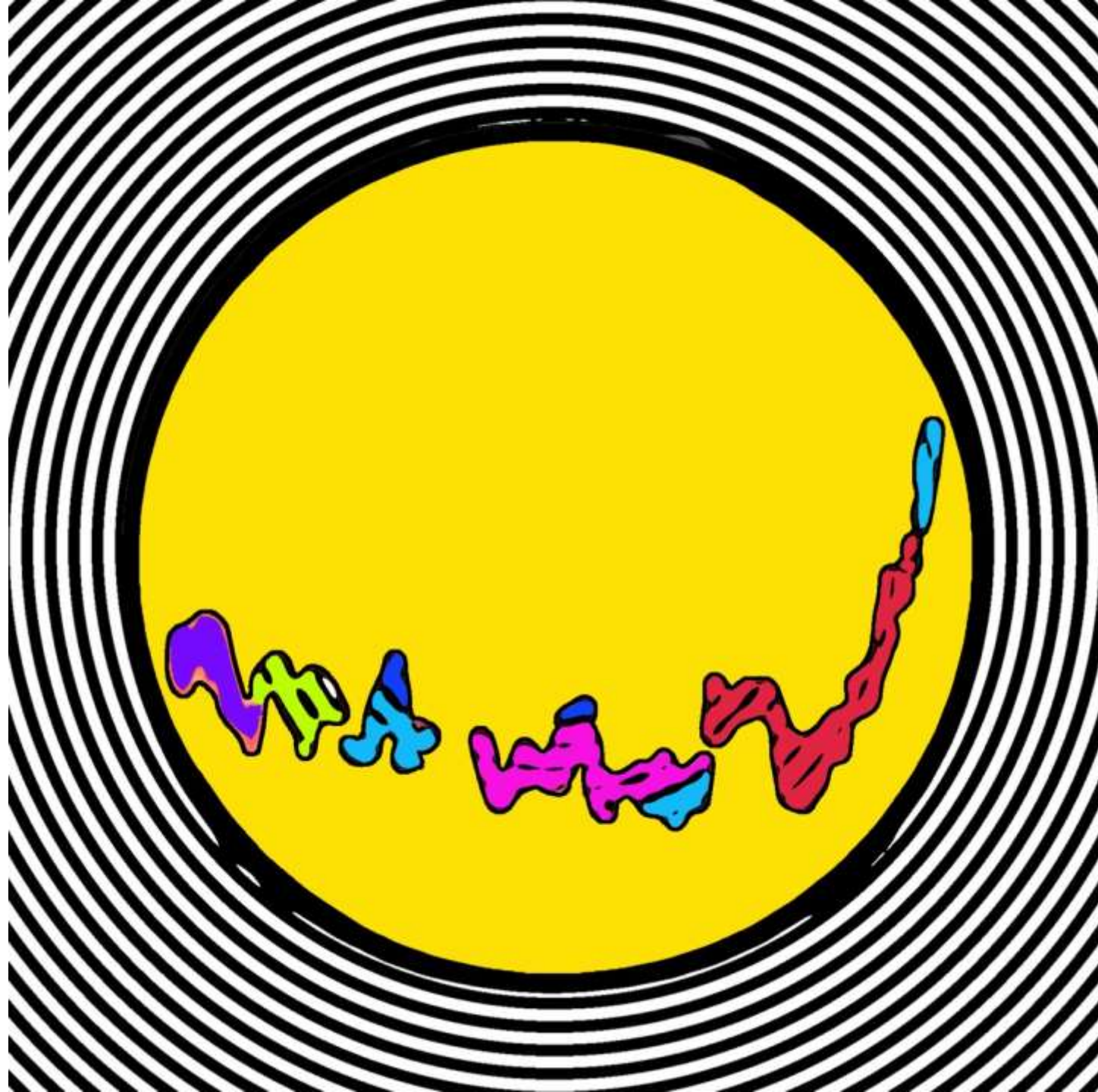


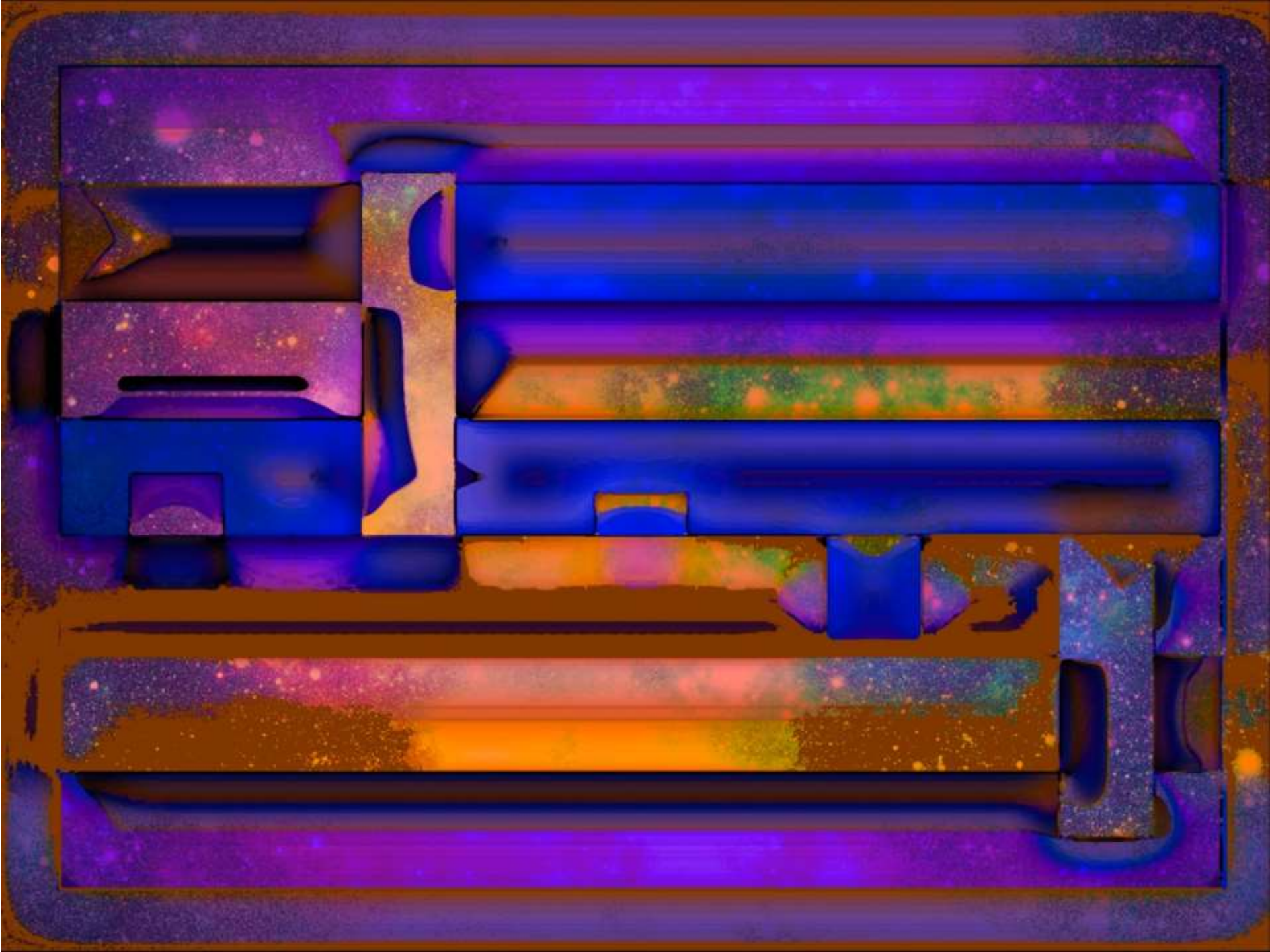
Historical and Projected Global Mean Sea Level Rise



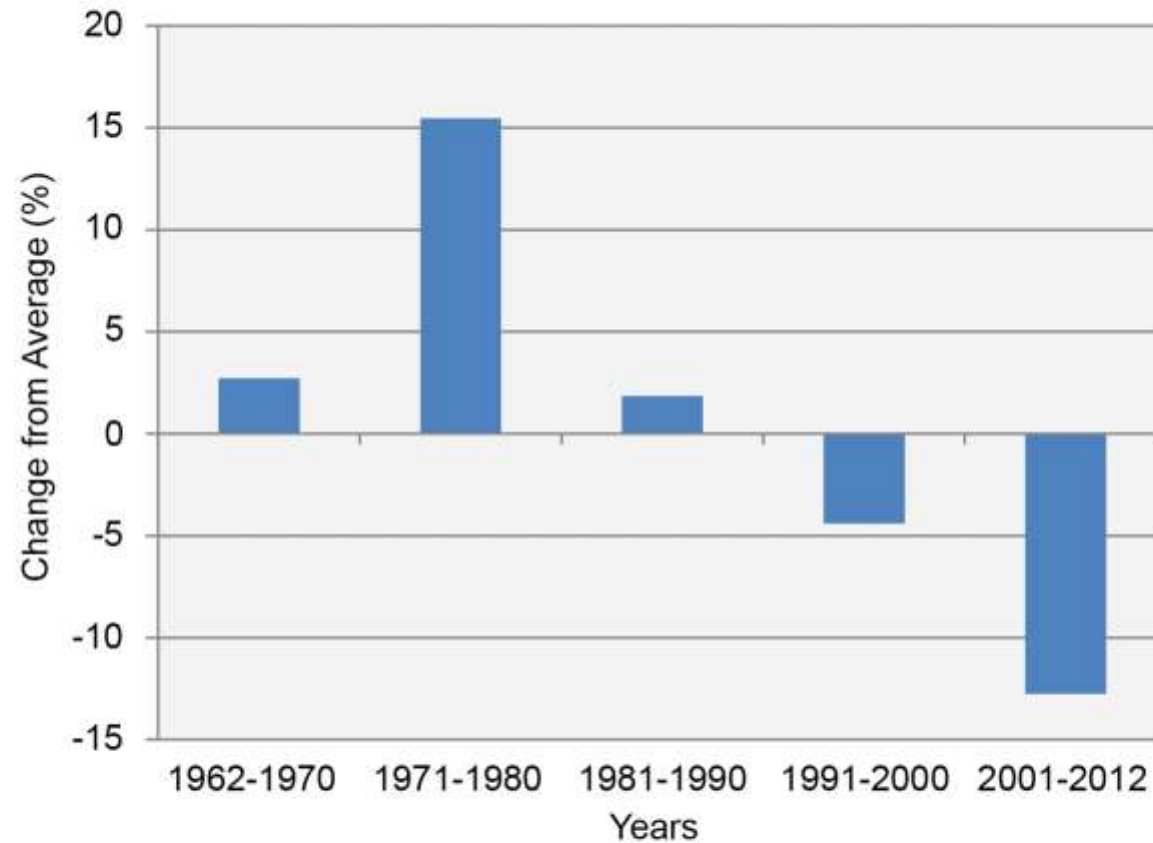








Great Lakes Ice Cover Decline

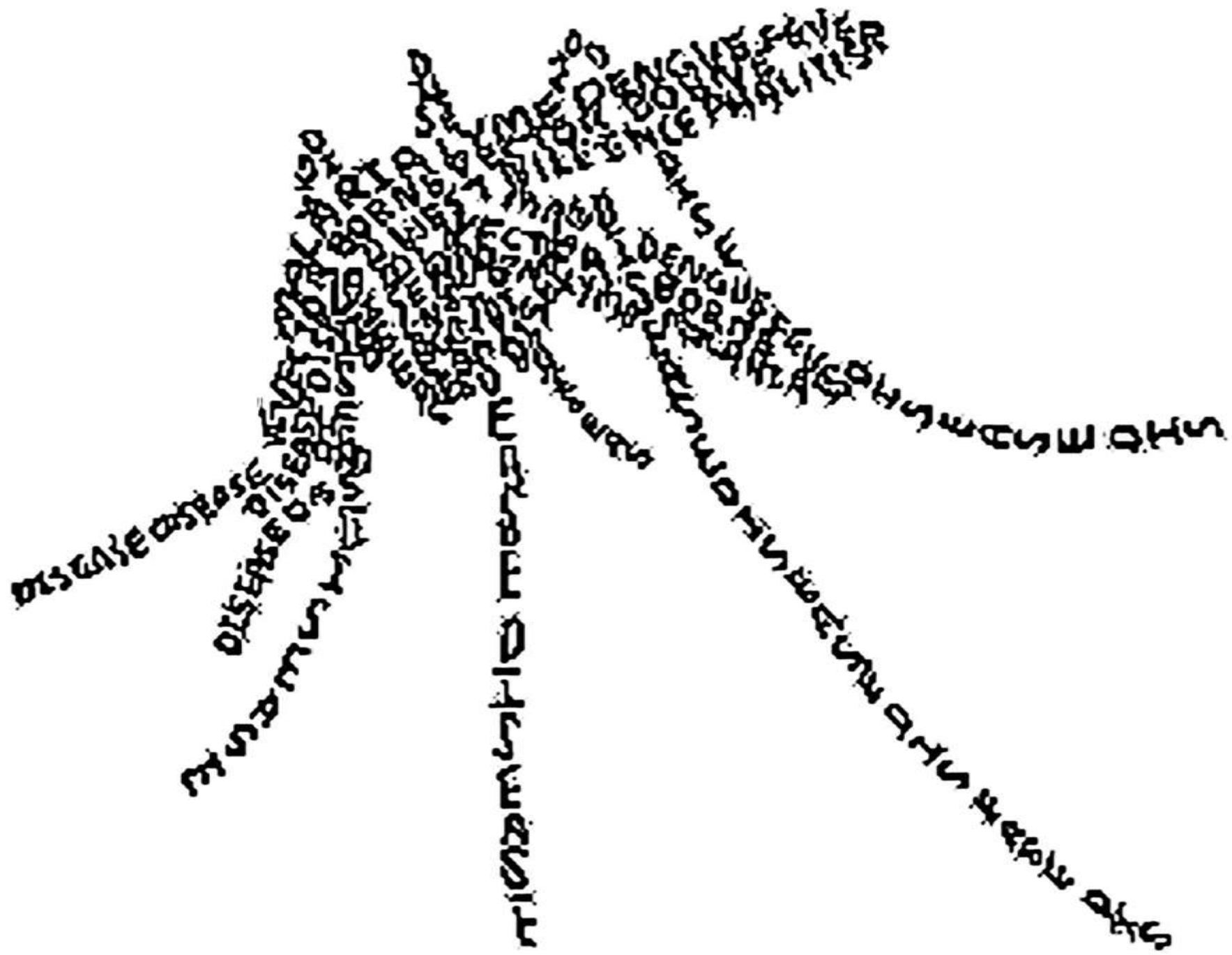


The average annual Great Lakes ice coverage for the decade 2003-2013 was less than 43% of the average over the prior half-century, lower than any other decade during the period of measurement. Less ice, together with more frequent and intense storms, leaves shoreline vulnerable to increased risk of erosion and flooding.







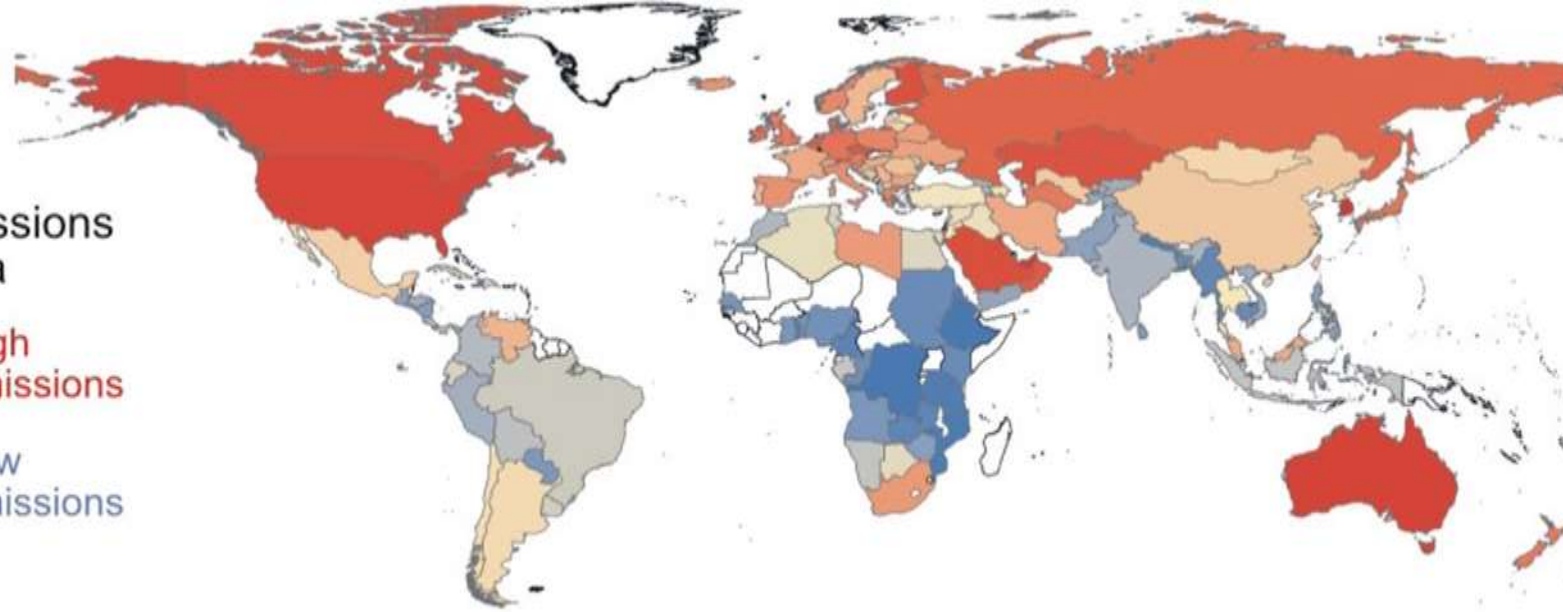
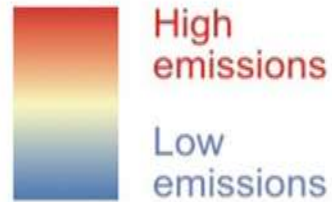






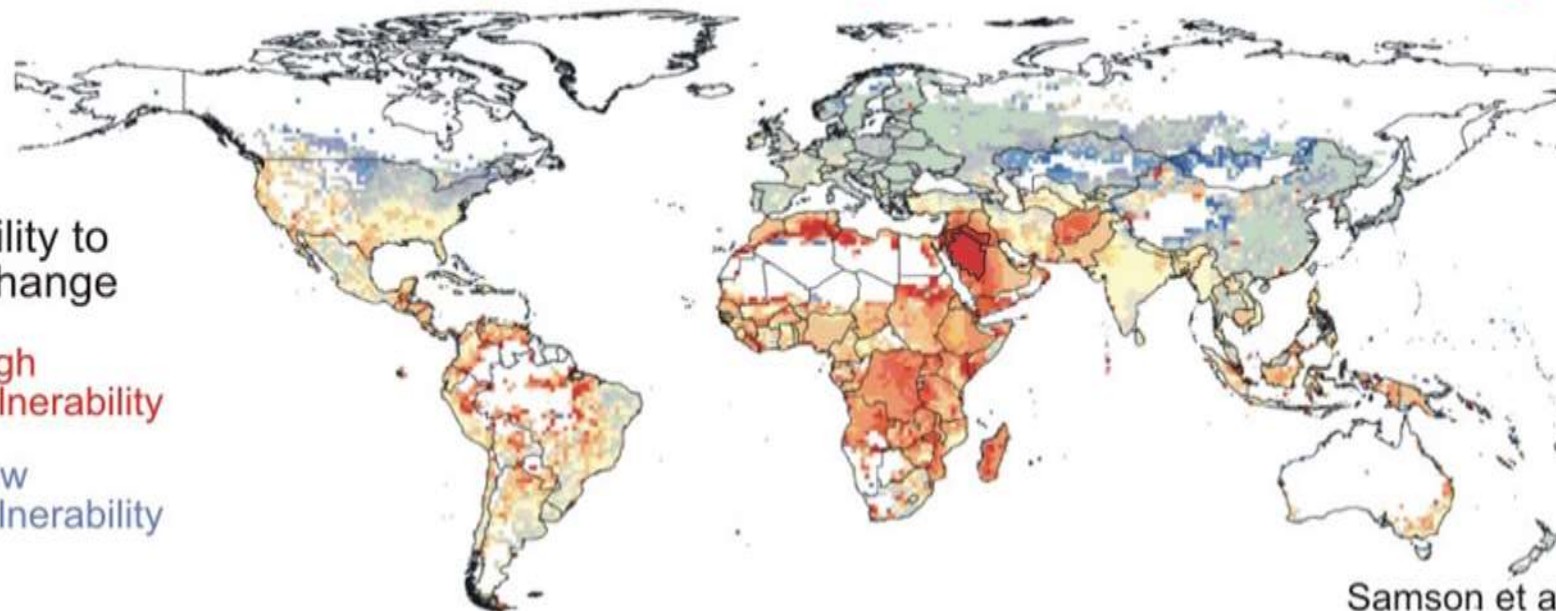


CO2 emissions
per capita

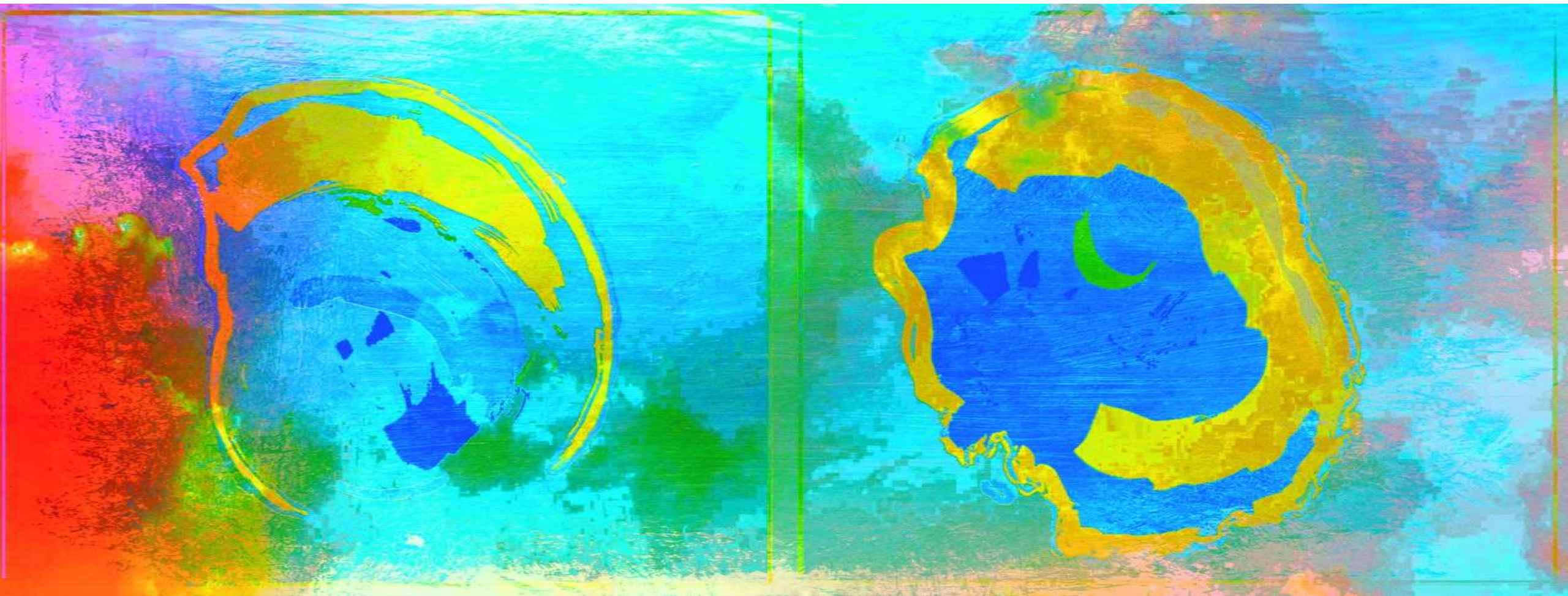


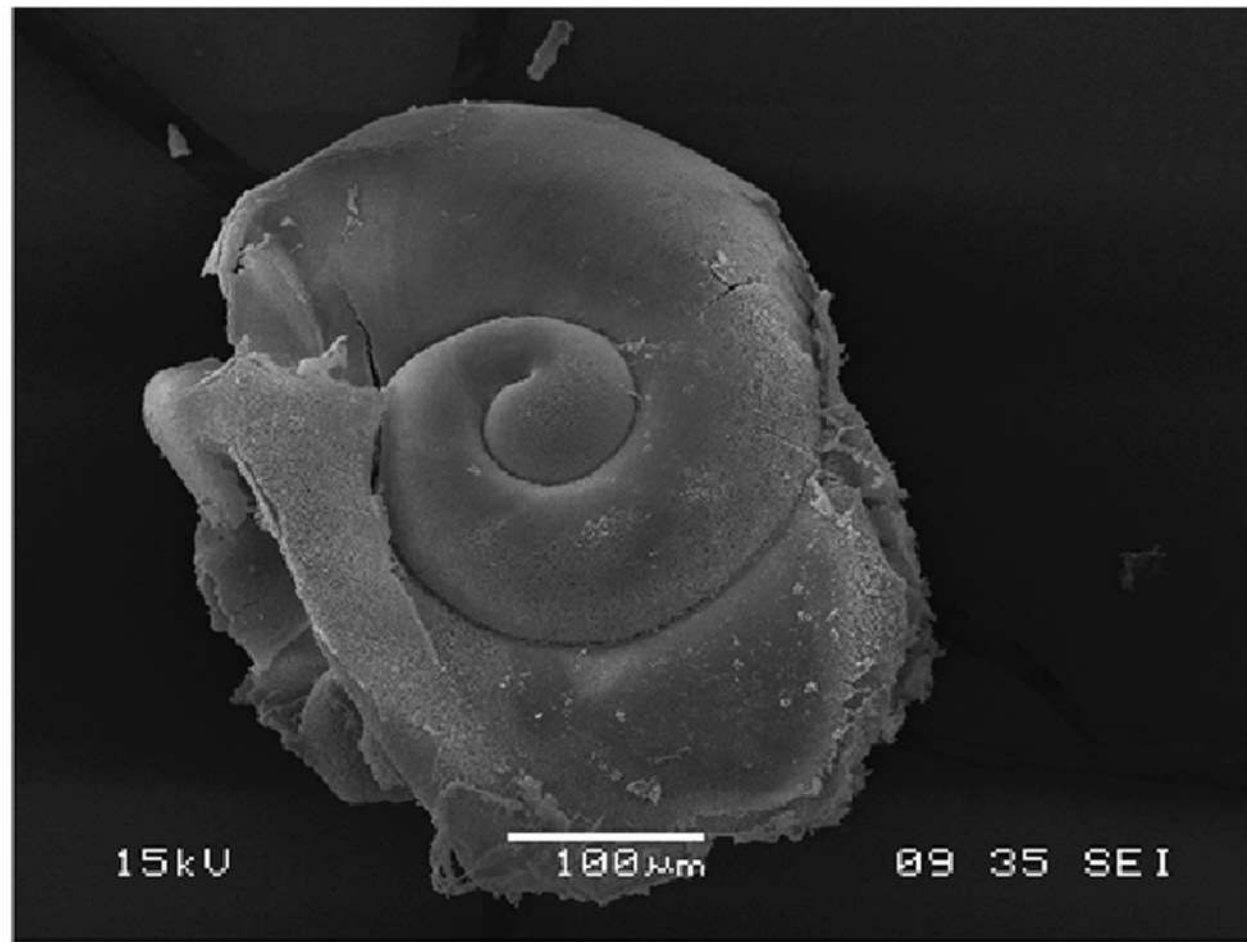
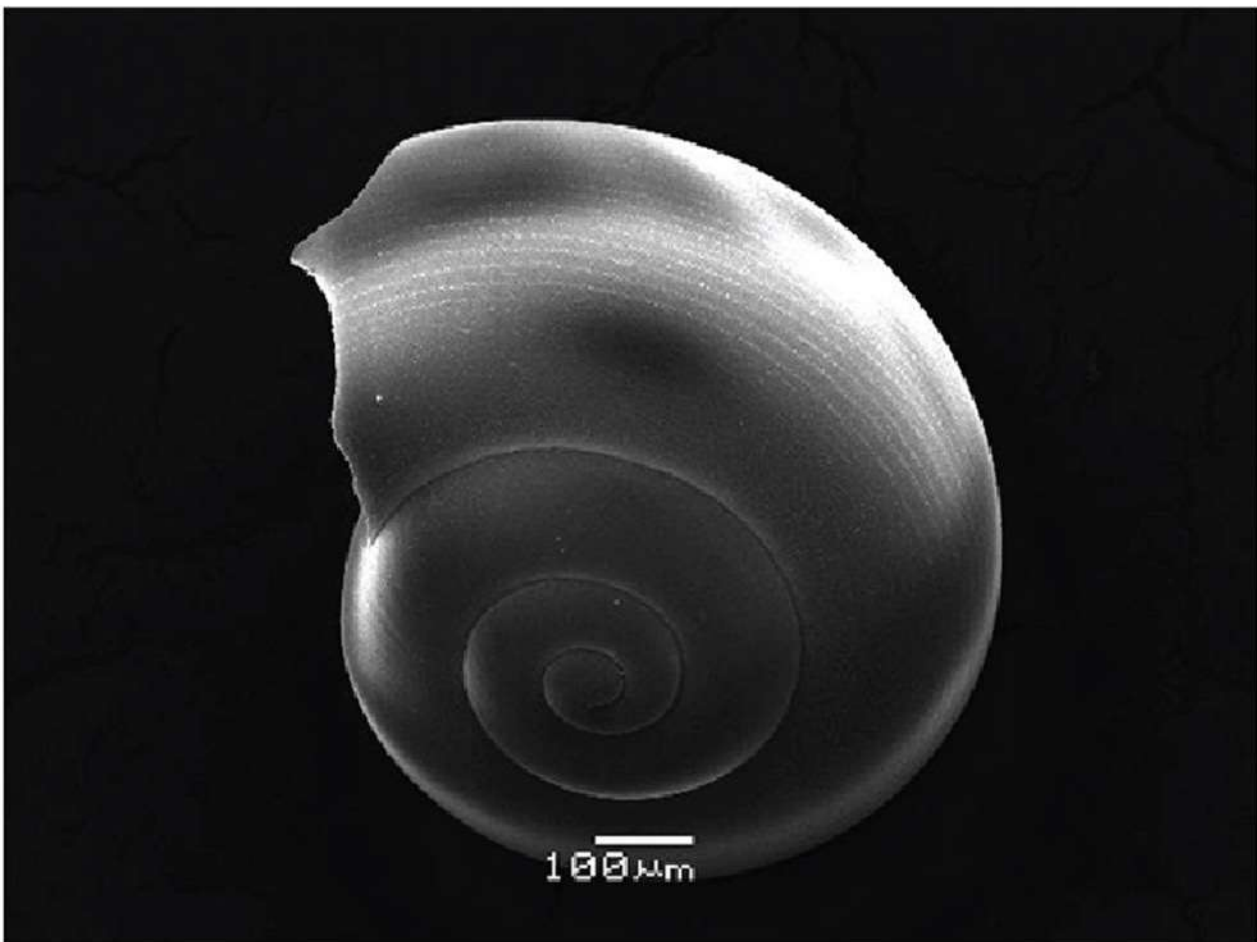
Those who contribute the least greenhouse gases
will be most impacted by climate change

Vulnerability to
climate change











throw

away buy

buy throw

throw

buy throw away

away buy

buy throw away

away

buy throw away

throw

buy buy buy throw

buy throw away

way buy buy throw away buy

away

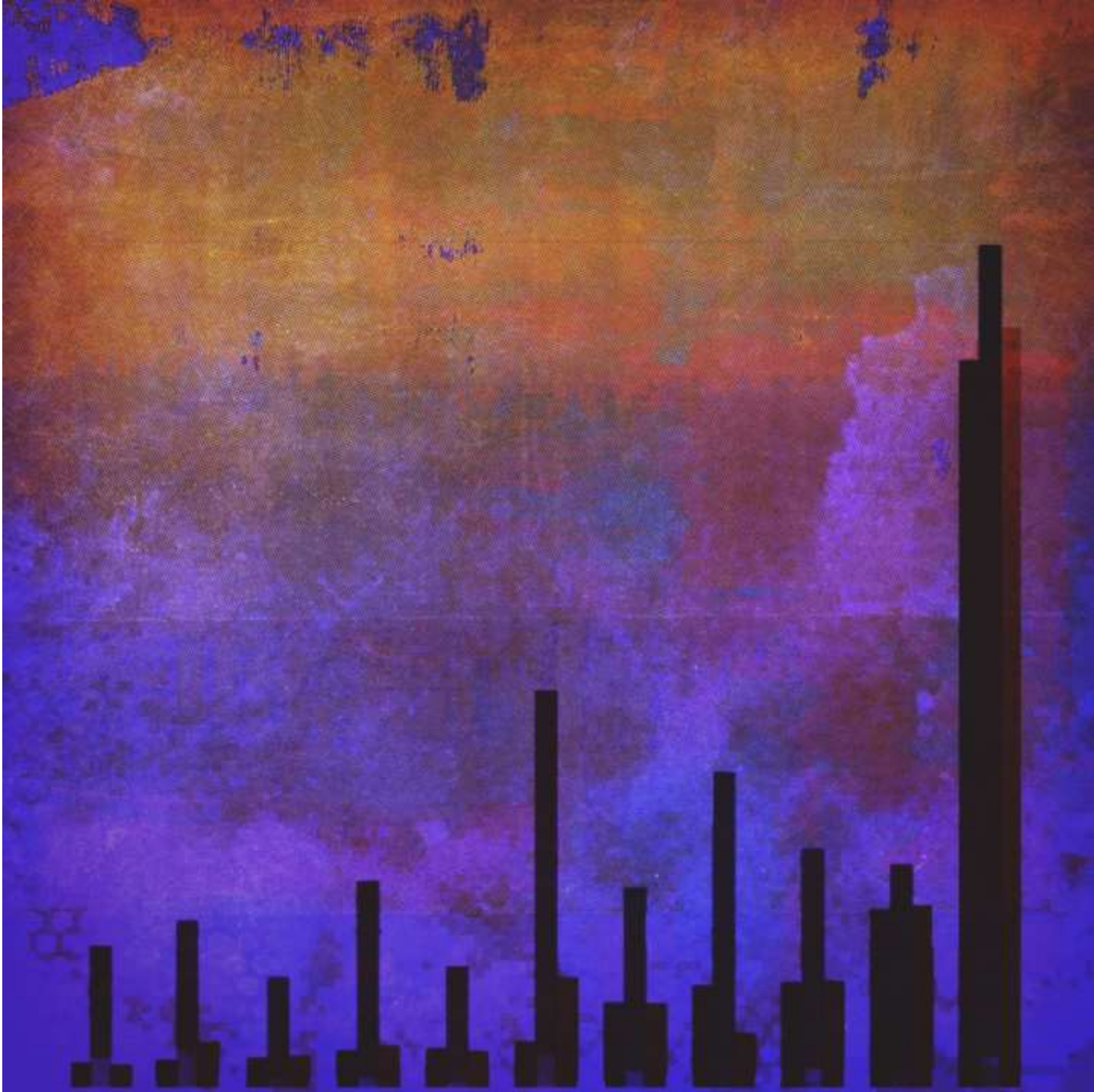
throw away buy throw away buy

throw away buy

buy buy buy

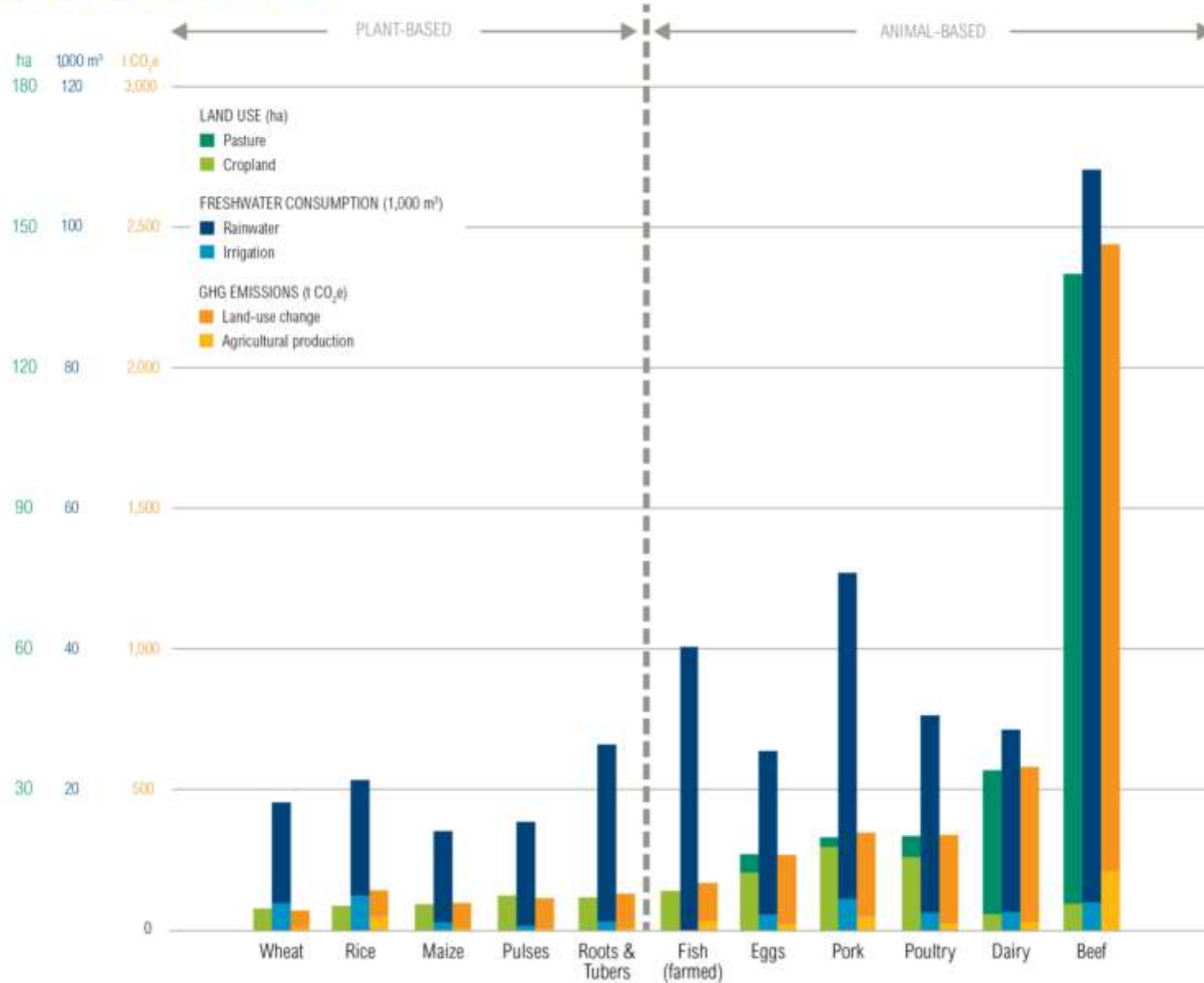
throw away





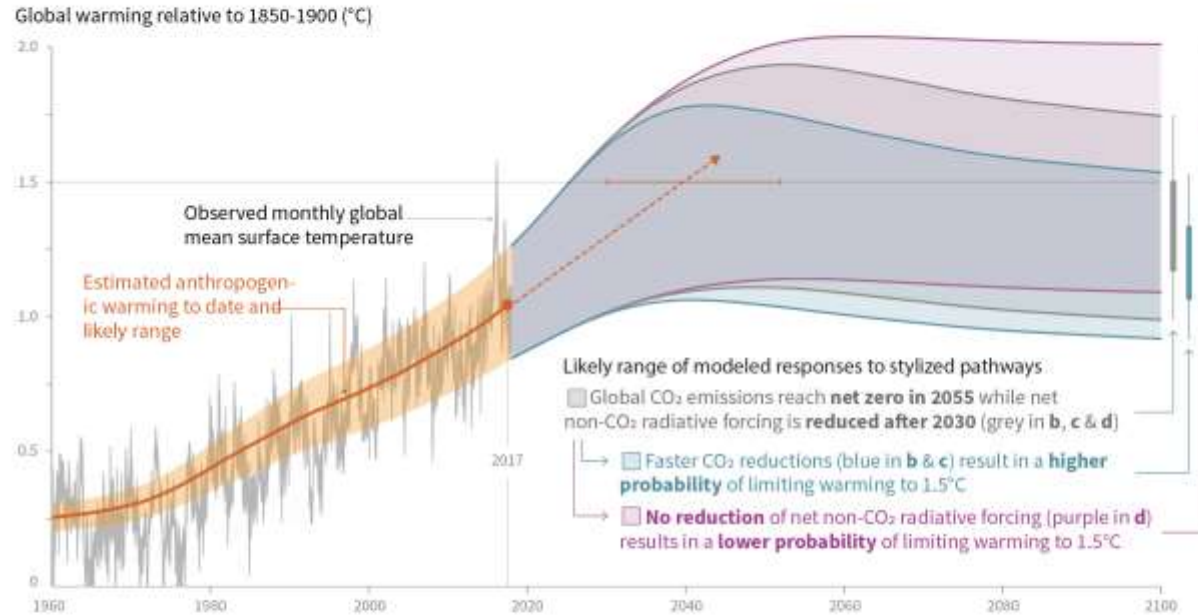
Animal-Based Foods Are More Resource-Intensive than Plant-Based Foods

PER TON PROTEIN CONSUMED

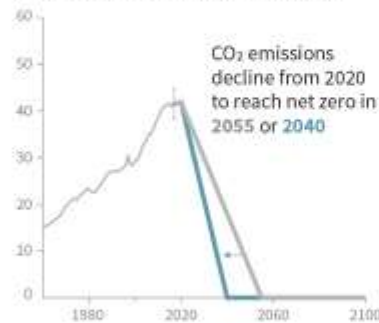


Cumulative emissions of CO₂ and future non-CO₂ radiative forcing determine the probability of limiting warming to 1.5°C

a) Observed global temperature change and modeled responses to stylized anthropogenic emission and forcing pathways

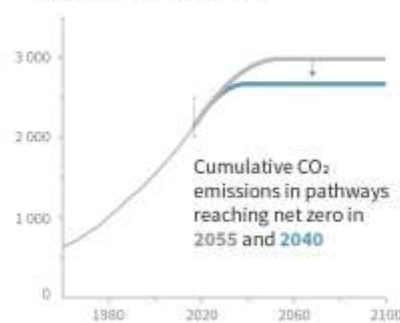


b) Stylized net global CO₂ emission pathways
Billion tonnes CO₂ per year (GtCO₂/yr)



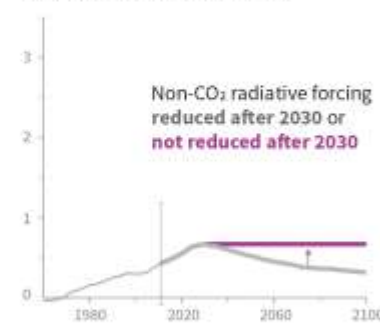
Faster immediate CO₂ emission reductions limit cumulative CO₂ emissions shown in panel (c).

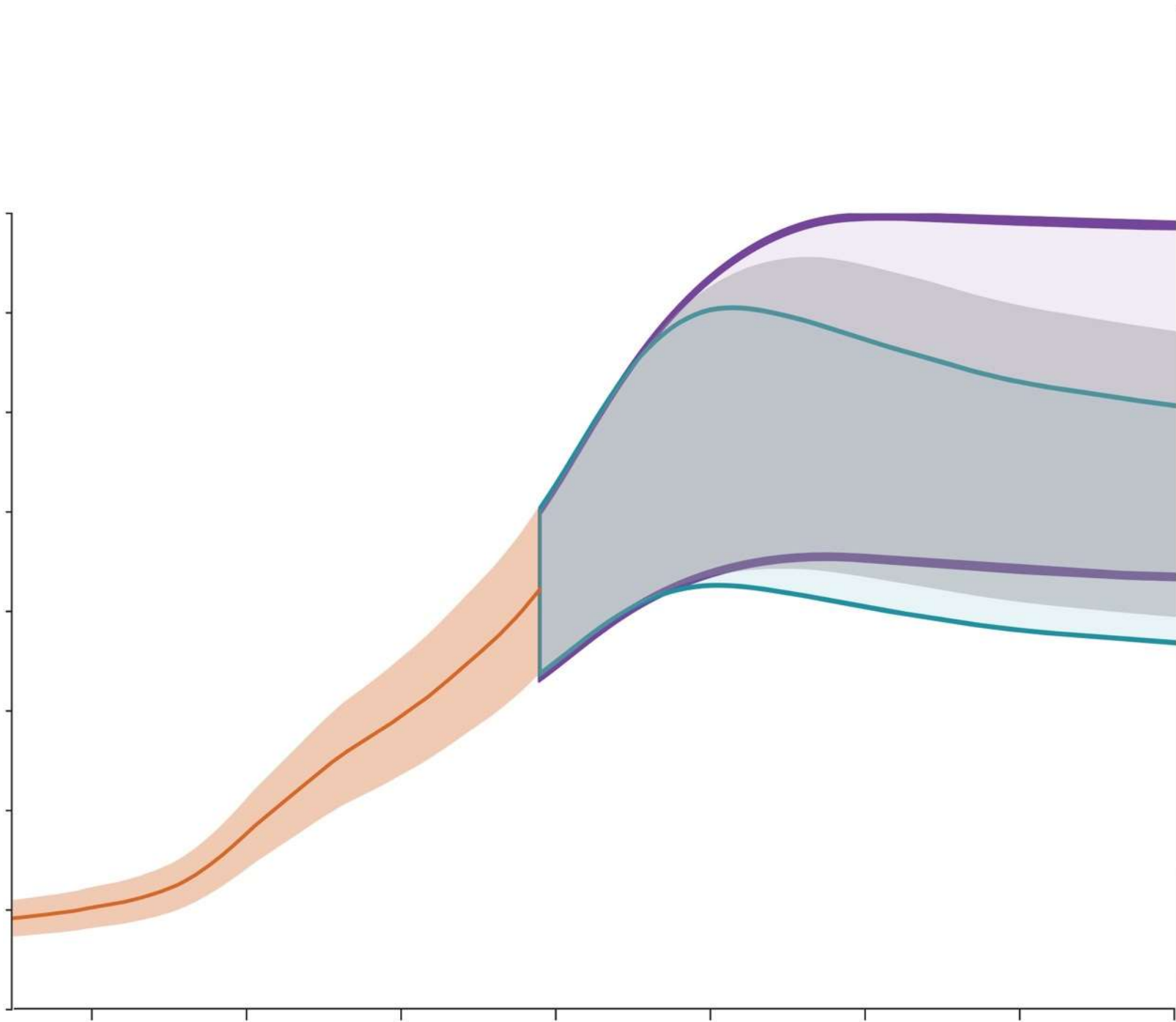
c) Cumulative net CO₂ emissions
Billion tonnes CO₂ (GtCO₂)

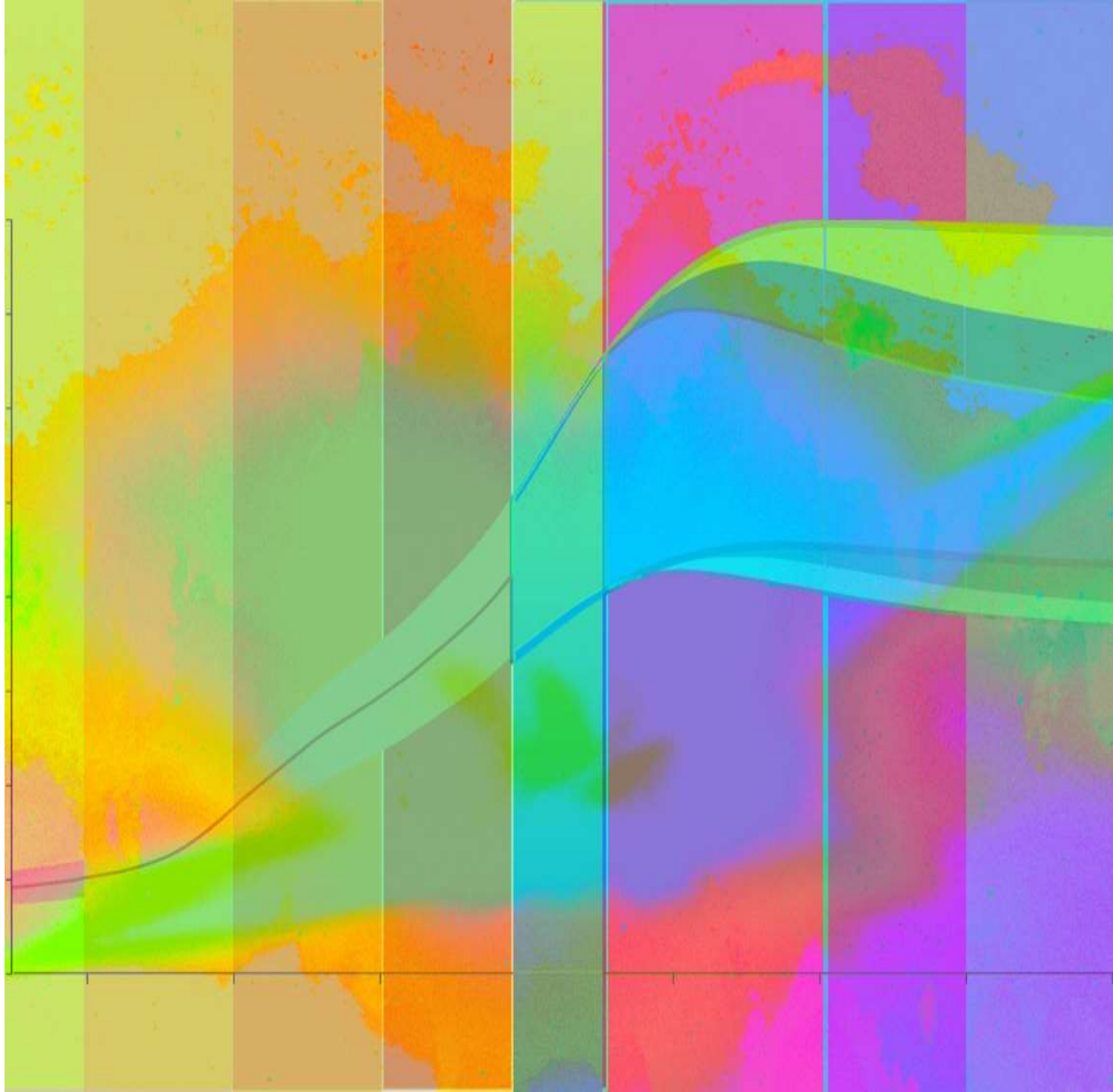


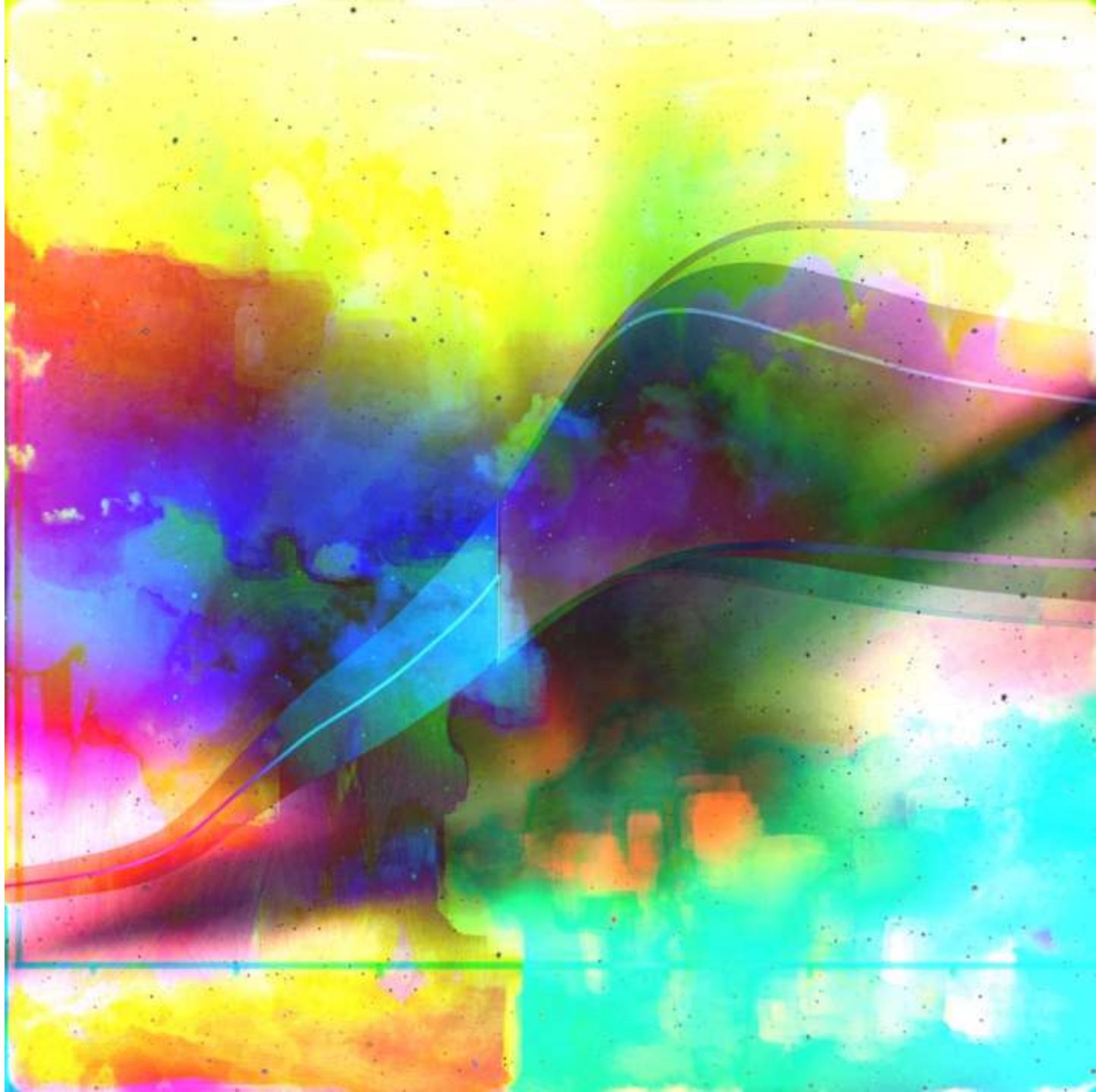
Maximum temperature rise is determined by cumulative net CO₂ emissions and net non-CO₂ radiative forcing due to methane, nitrous oxide, aerosols and other anthropogenic forcing agents.

d) Non-CO₂ radiative forcing pathways
Watts per square metre (W/m²)

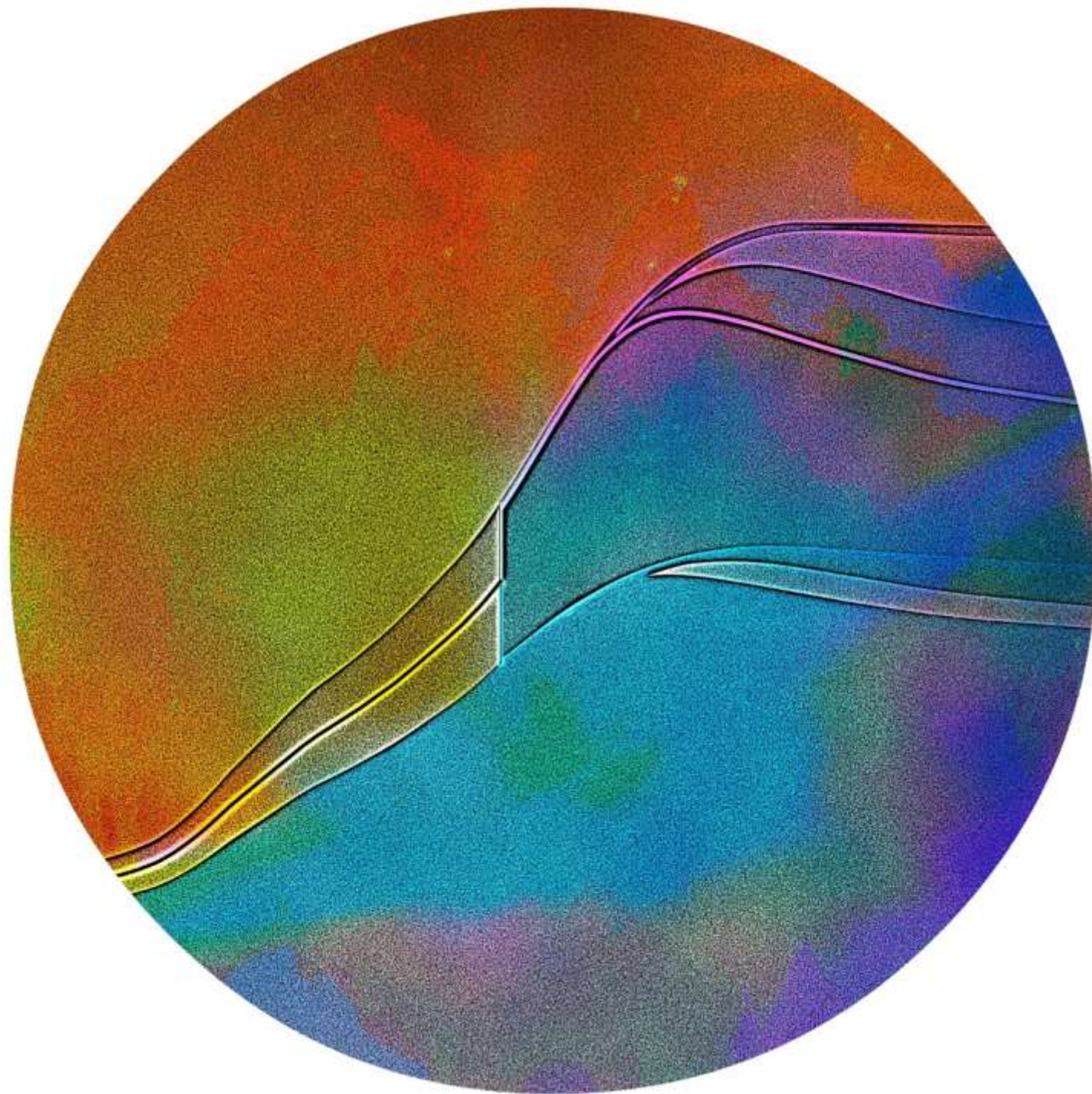


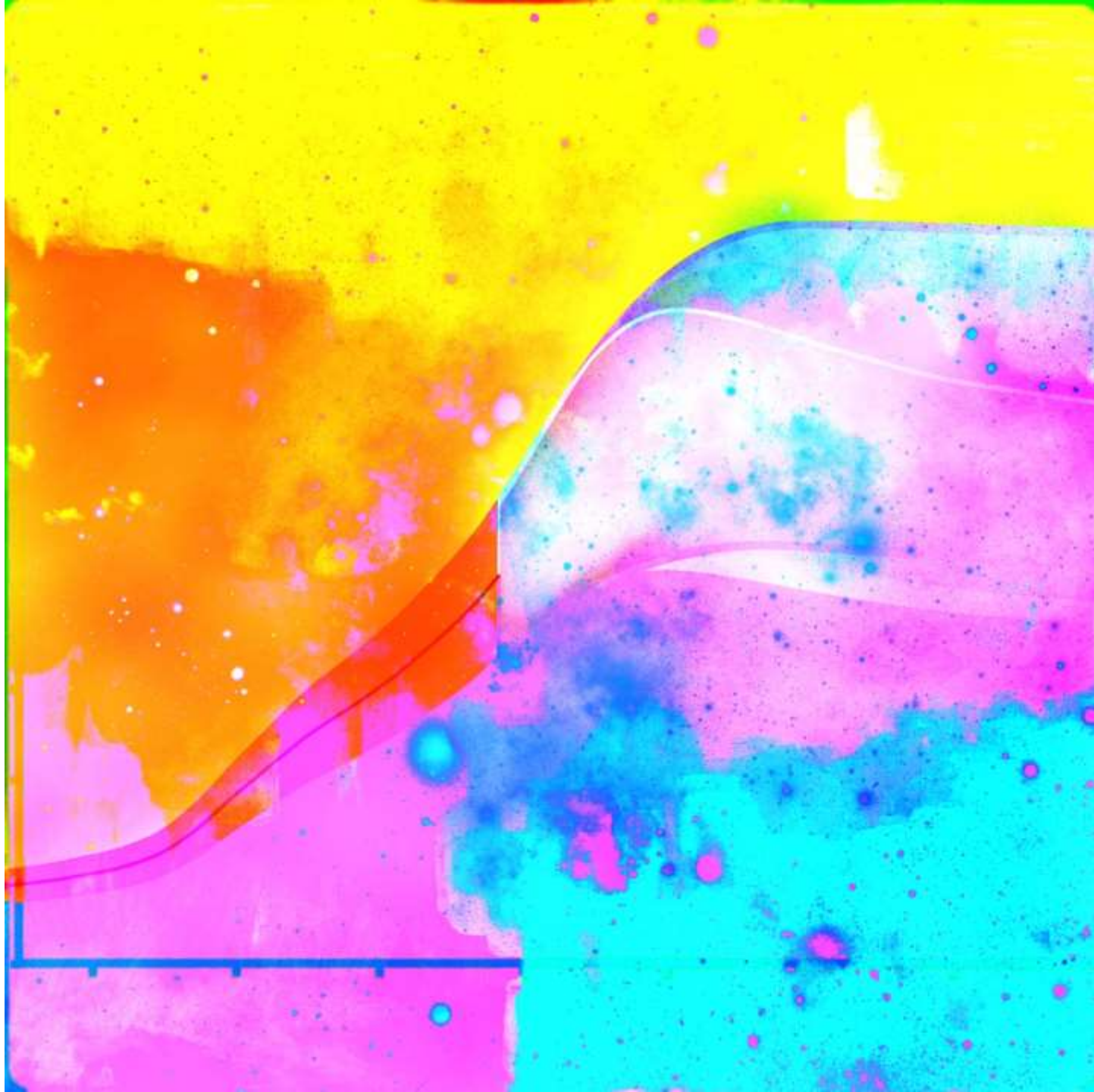


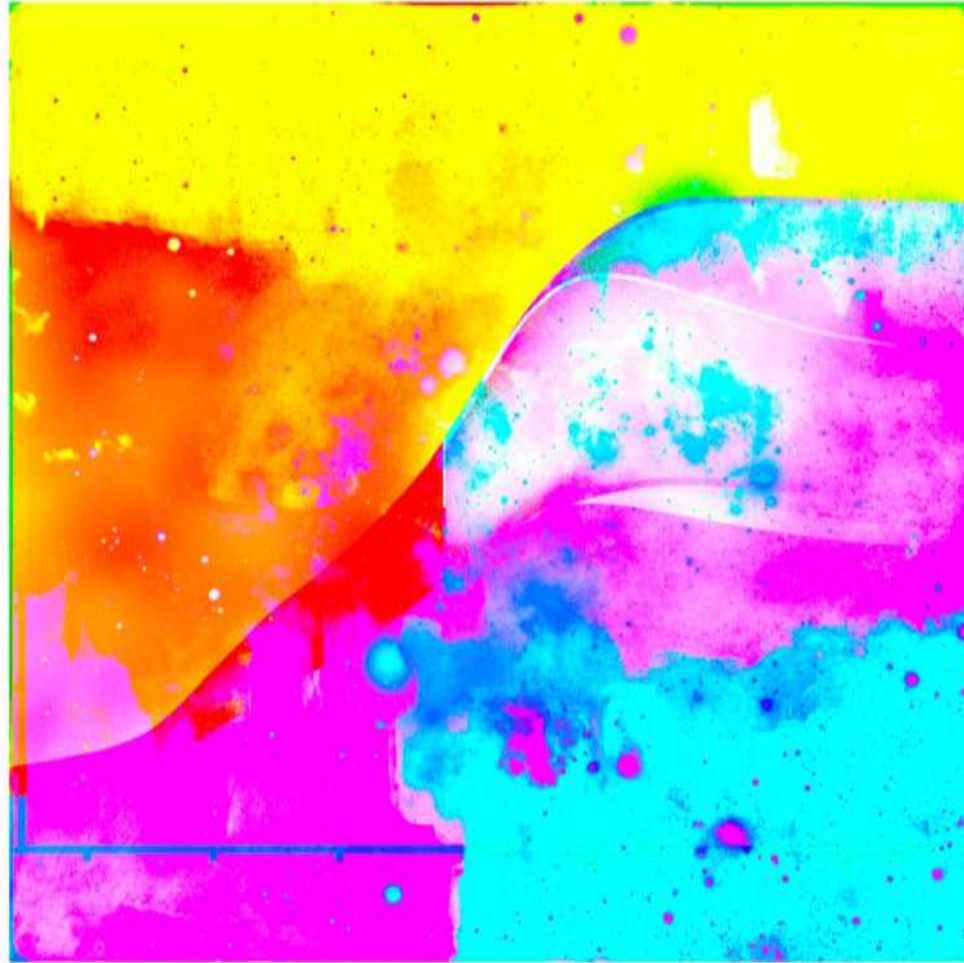












Time to Choose



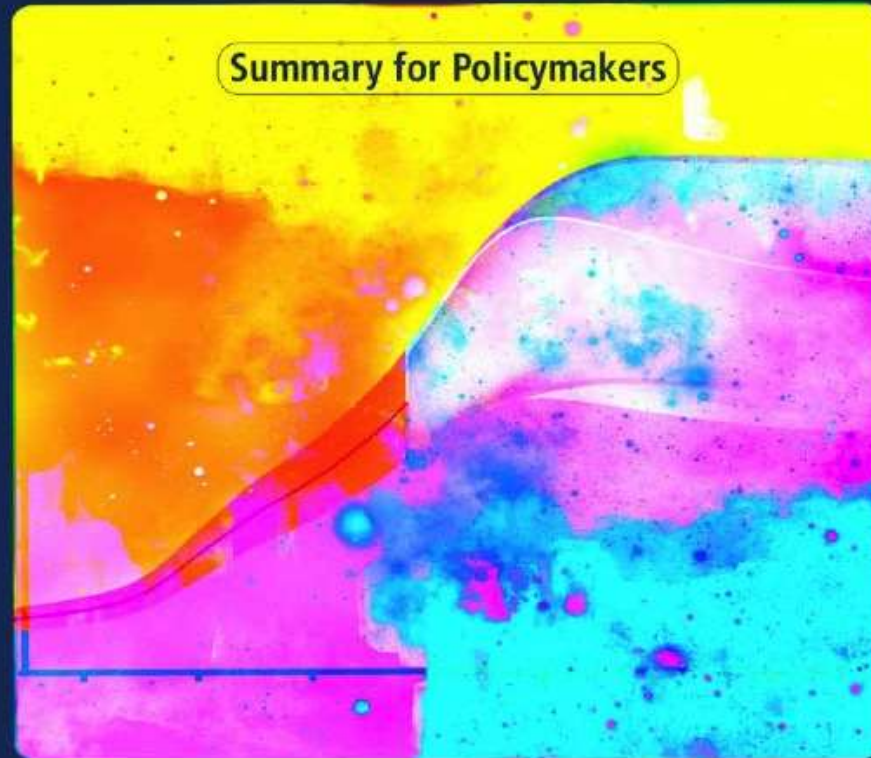
ipcc

INTERGOVERNMENTAL PANEL ON climate change

Global Warming of 1.5°C

An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty

Summary for Policymakers



WG I WG II WG III



THANK YOU!

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Artist – Alisa Singer

