

Timber and Regenerative Sustainability

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Global Expert InnoRenew

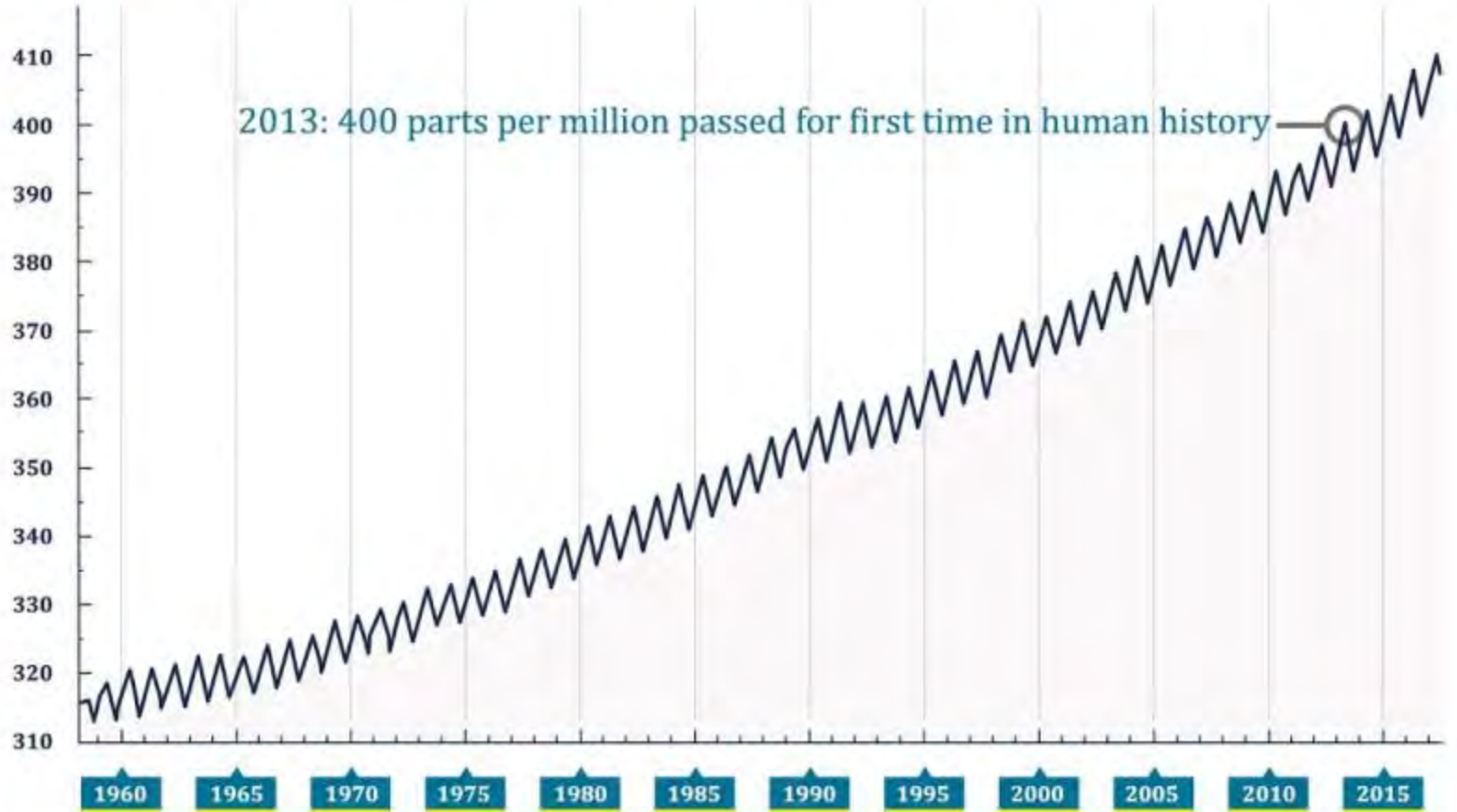






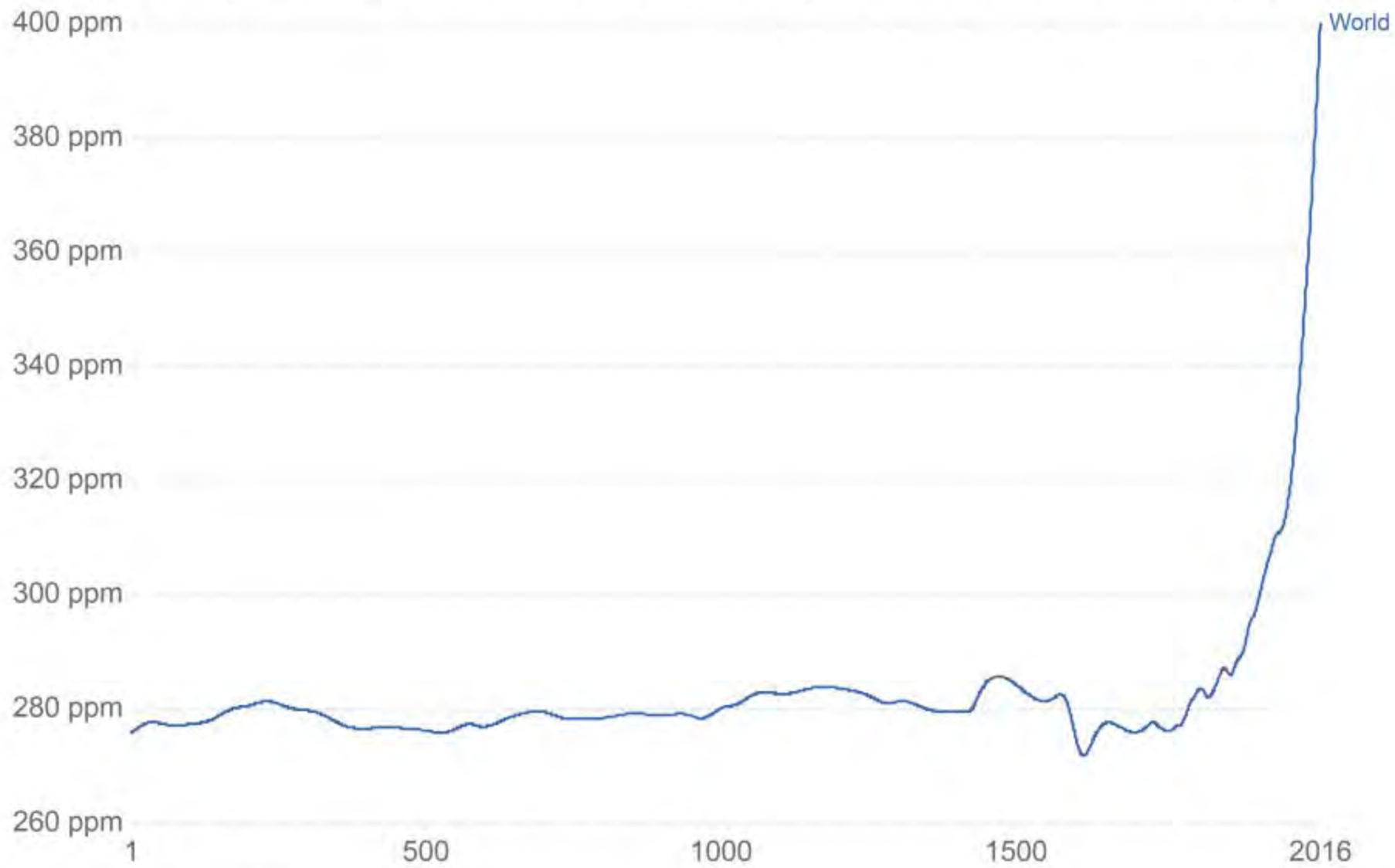
CARBON DIOXIDE CONCENTRATION AT MAUNA LOA OBSERVATORY

CO₂ Concentration (ppm)



Atmospheric CO₂ concentration (ppm)

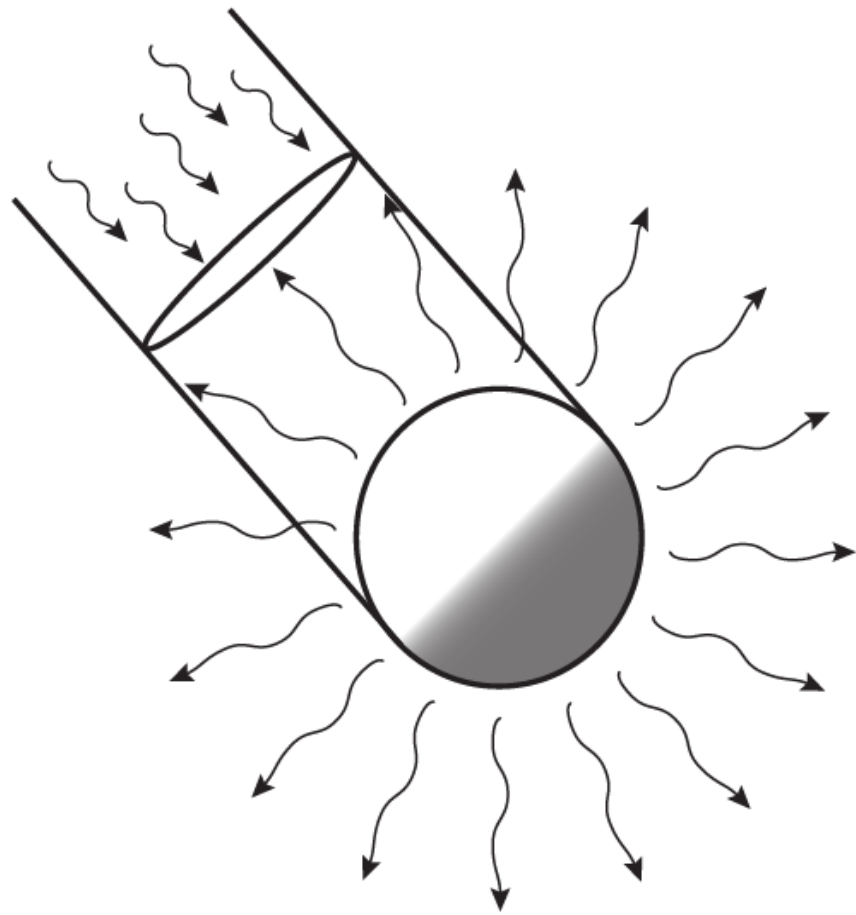
Global average long-term atmospheric concentration of carbon dioxide (CO₂), measured in parts per million (ppm).



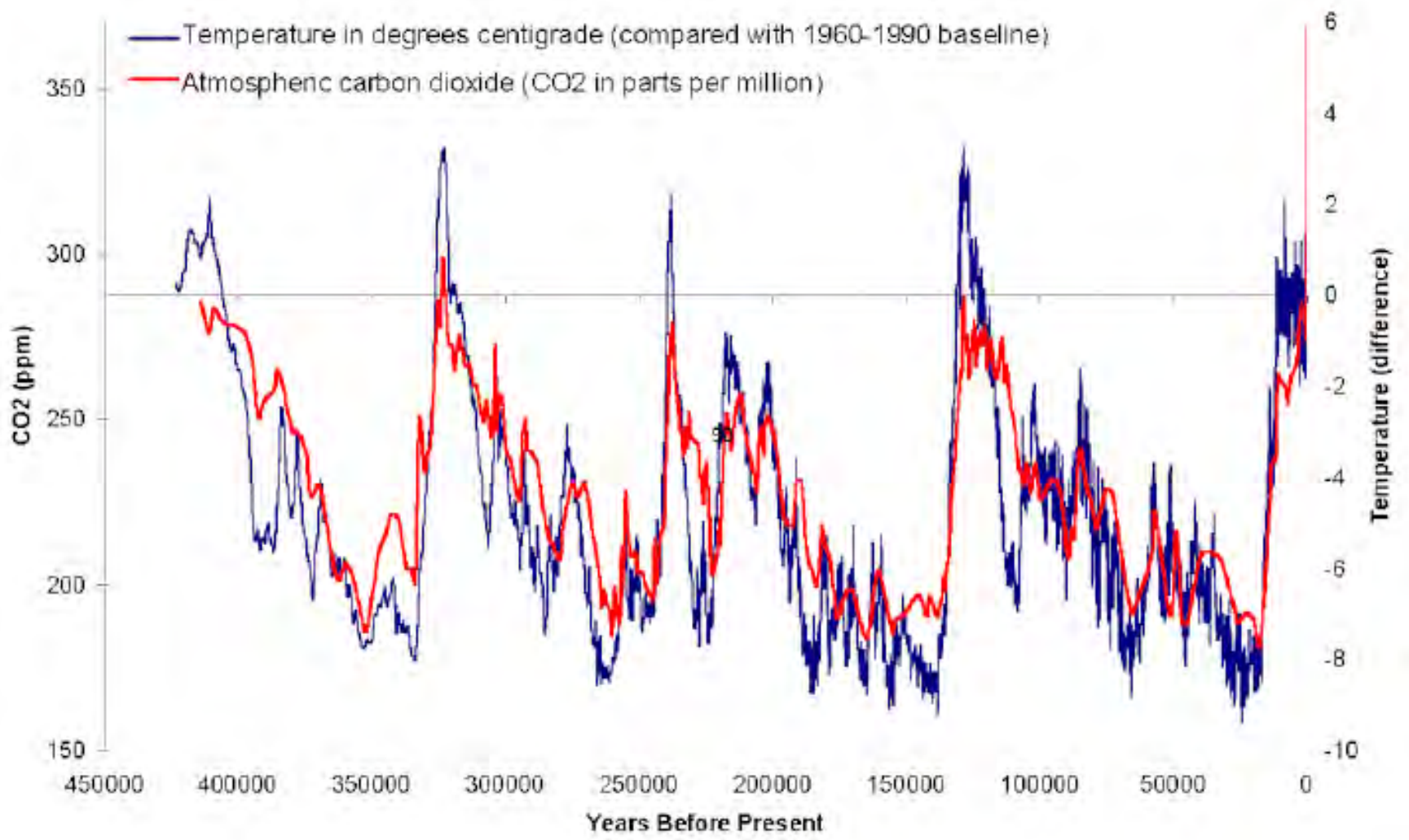
Source: Scripps CO₂ Program

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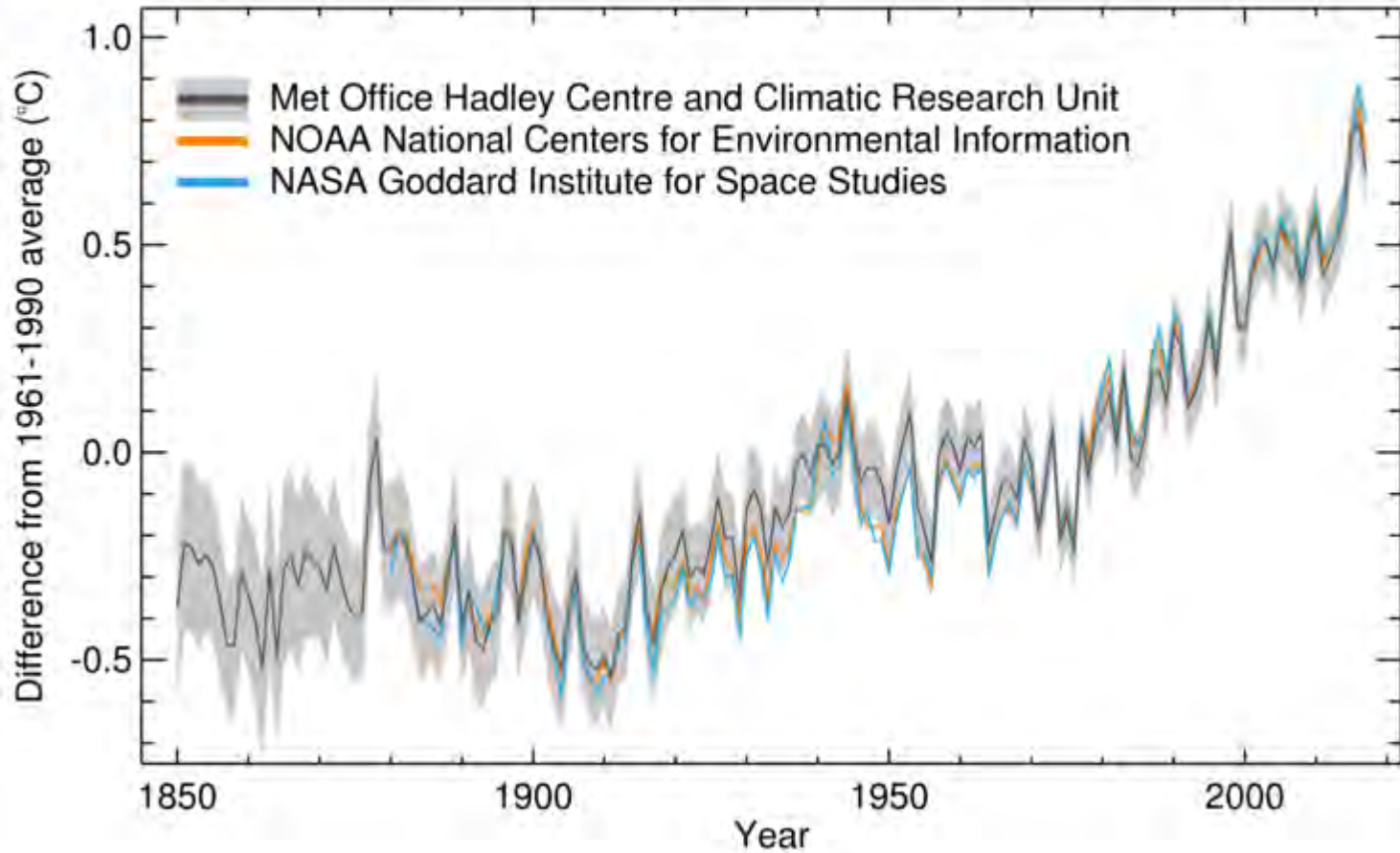


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Global average temperature anomaly (1850-2017)

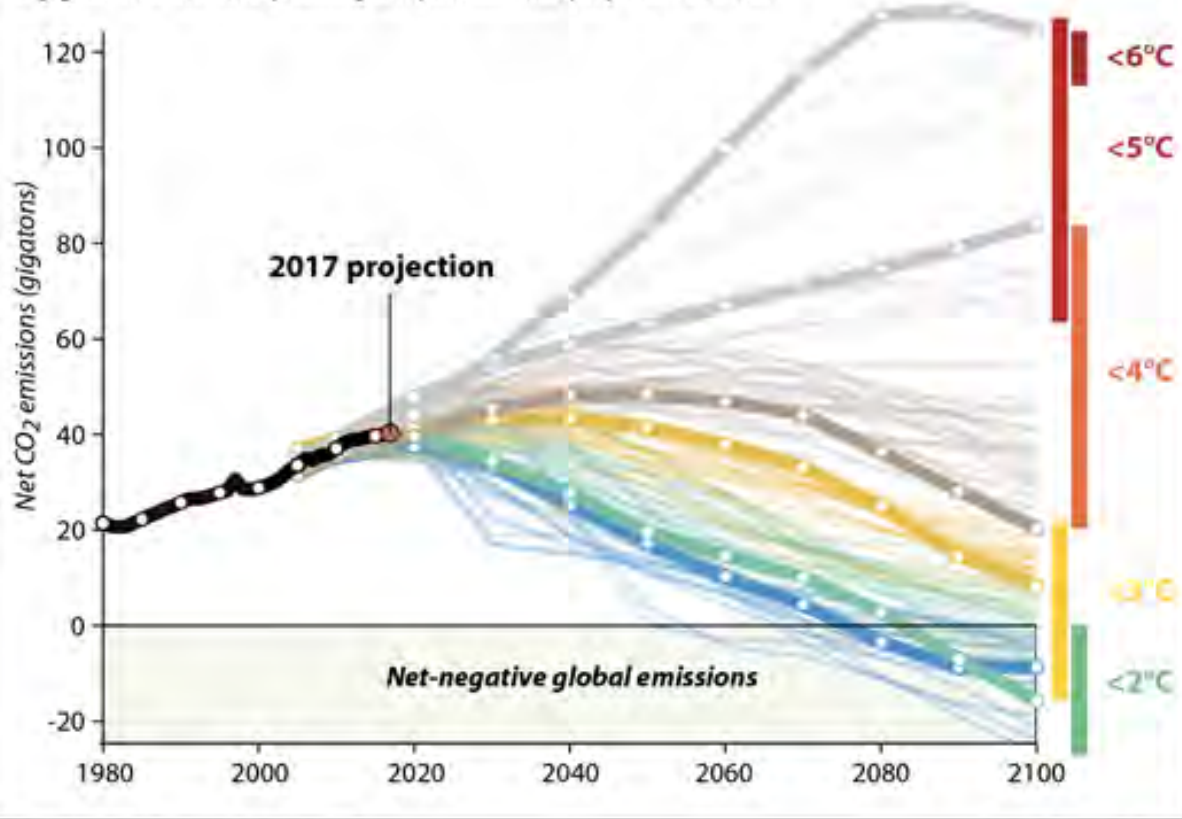


CO₂ Emissions Are Still Rising

Human-caused greenhouse gas emissions had appeared to be leveling off, but new research shows 2017 is headed for a new high. The future projections show how emissions levels translate to temperature rise.

FOSSIL FUEL AND LAND-USE CO₂ EMISSIONS

In gigatons, with corresponding temperature rise, projected to 2100

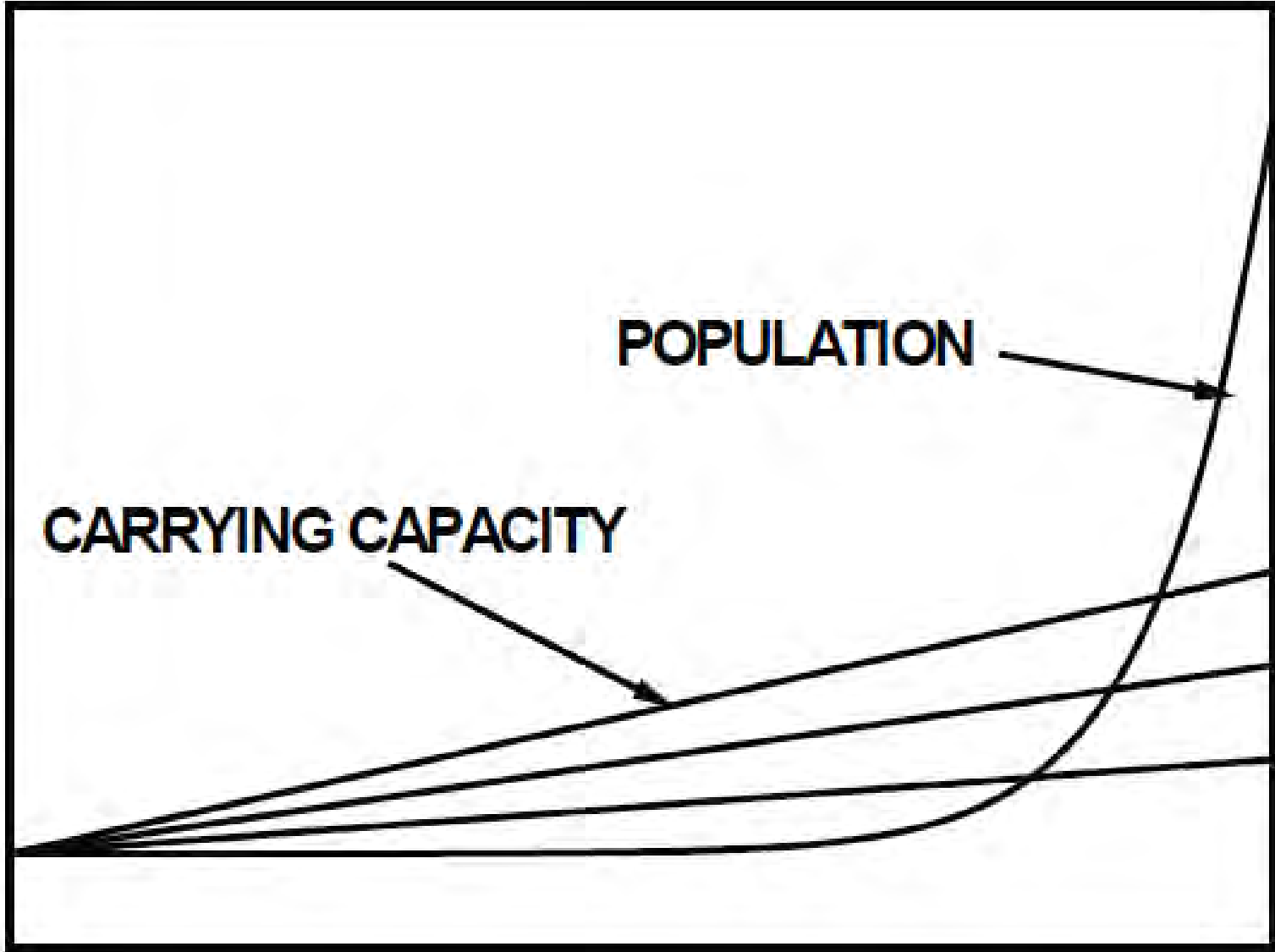


SOURCE: Global Carbon Project 2017

InsideClimate News



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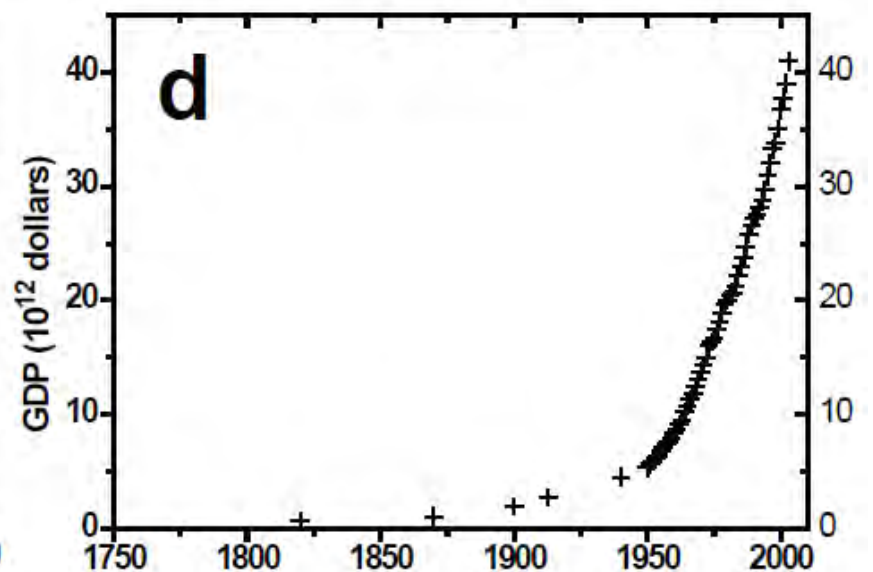
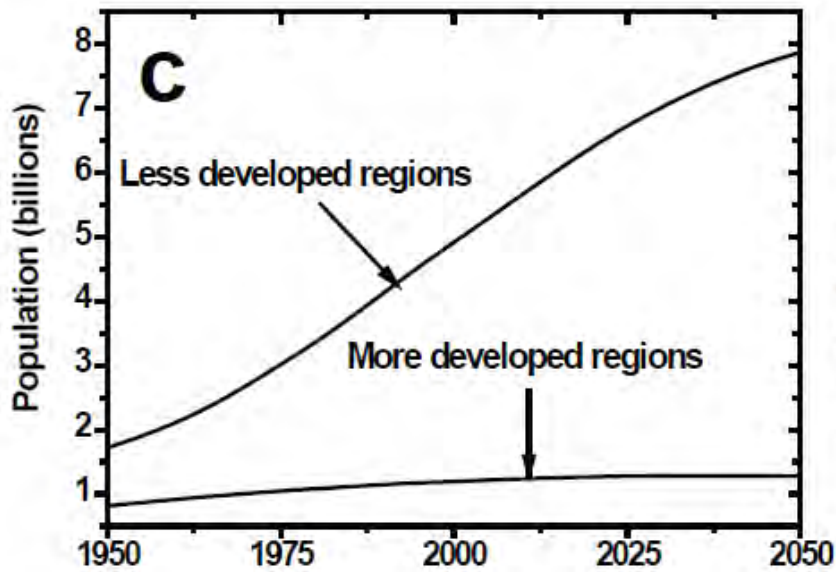
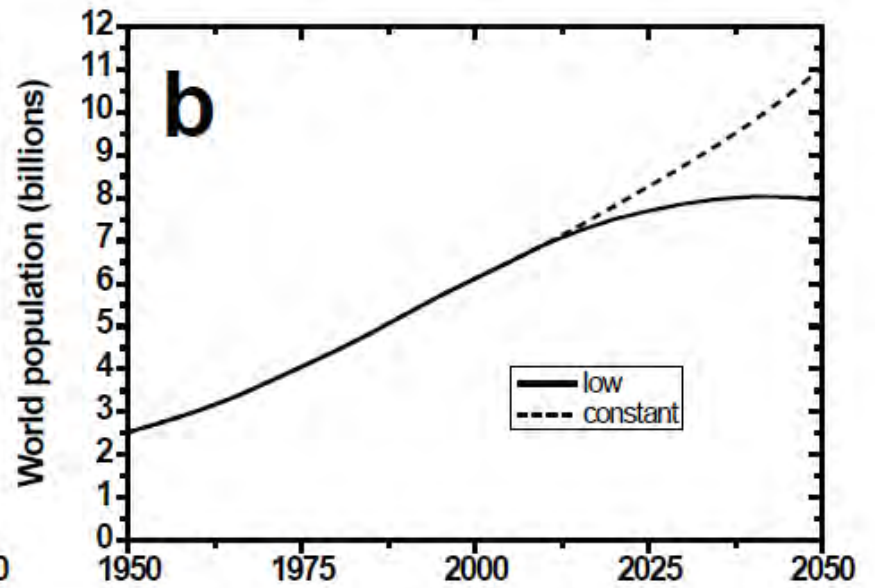
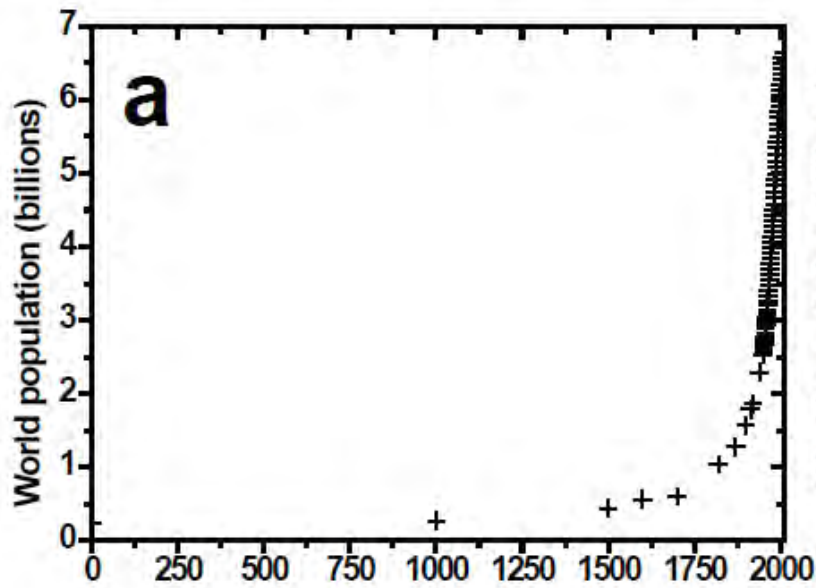
**Why have we
not witnessed
a Malthusian
collapse?**

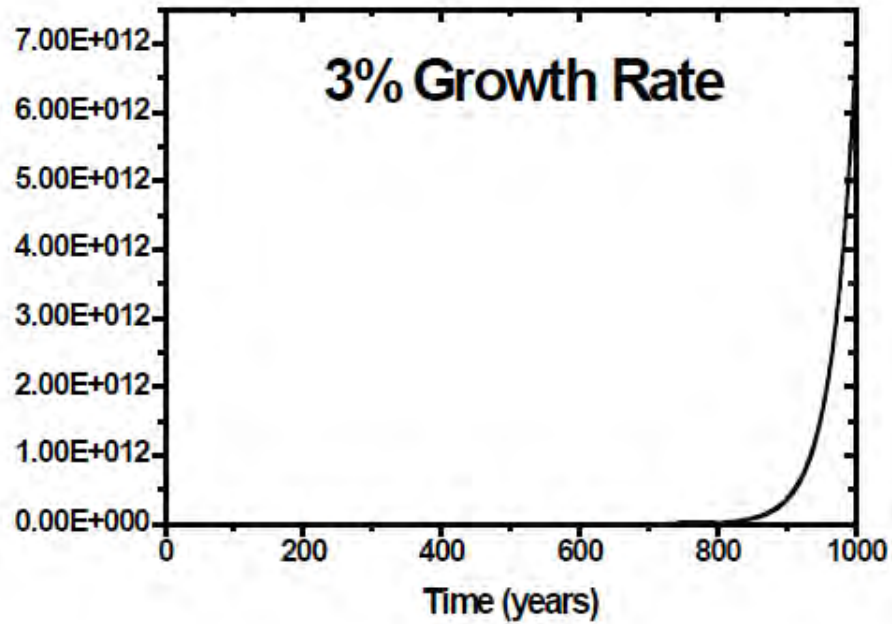
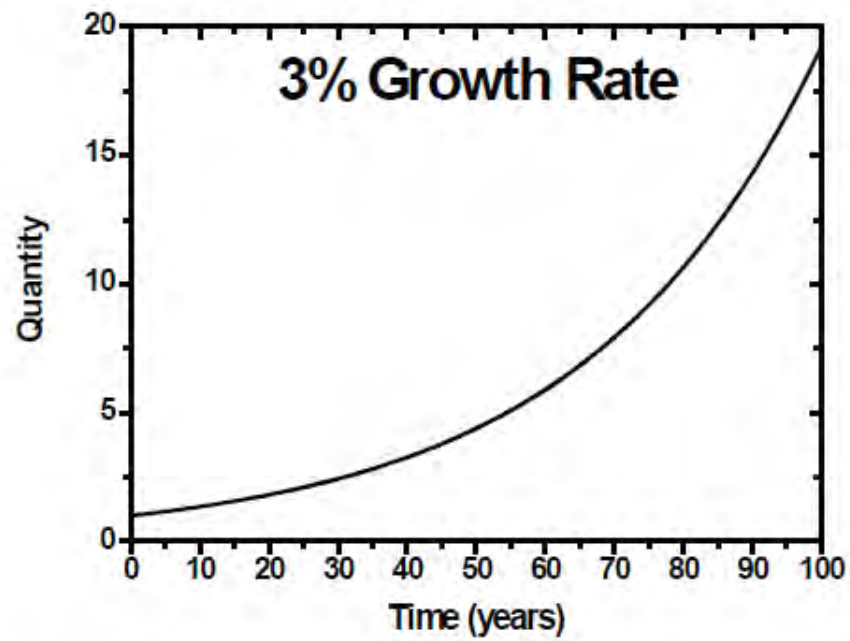
CHEAP ENERGY

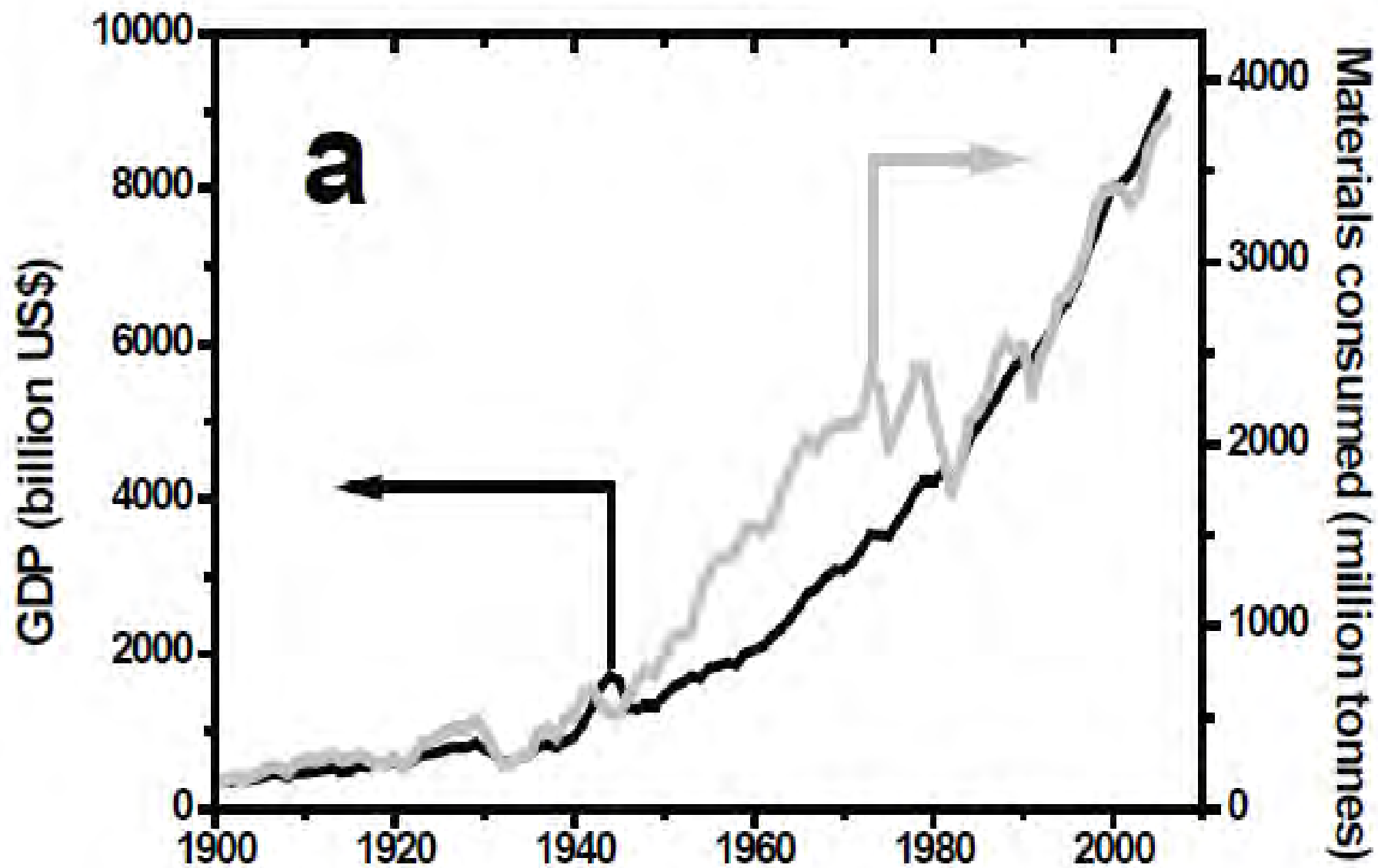
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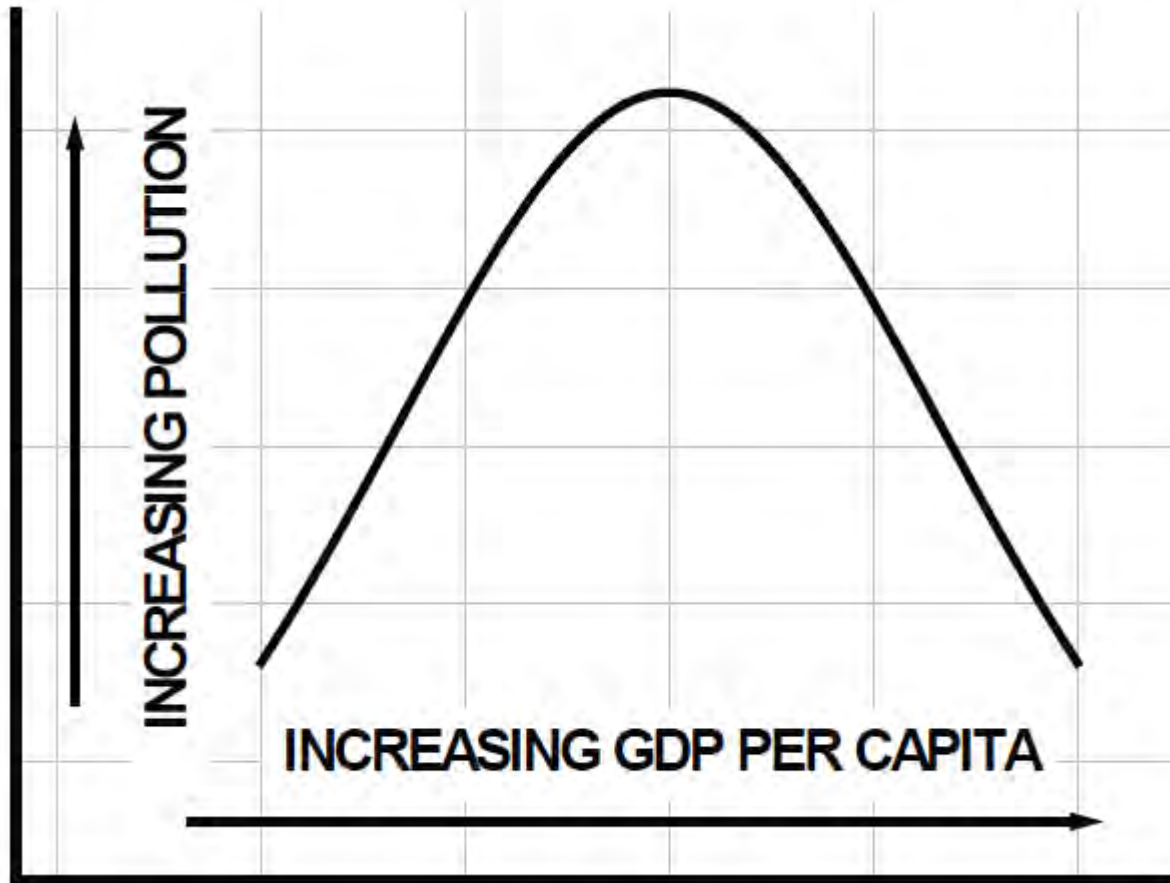
Ehrlich-Commoner Equation

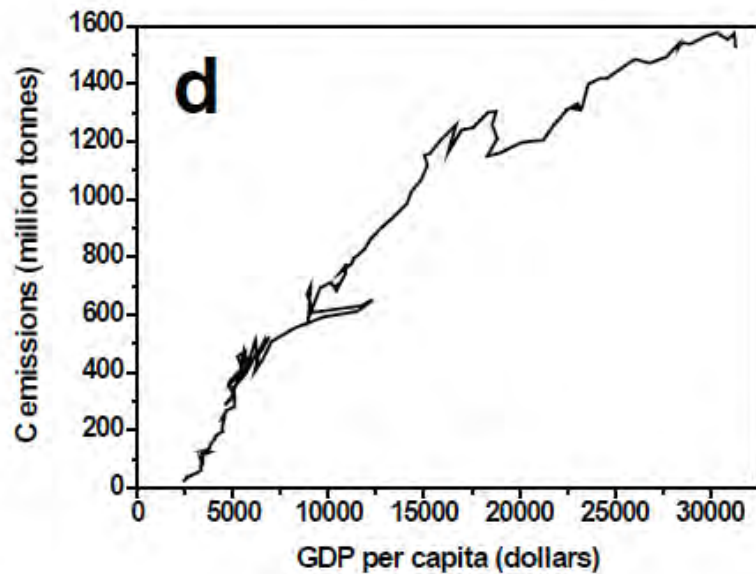
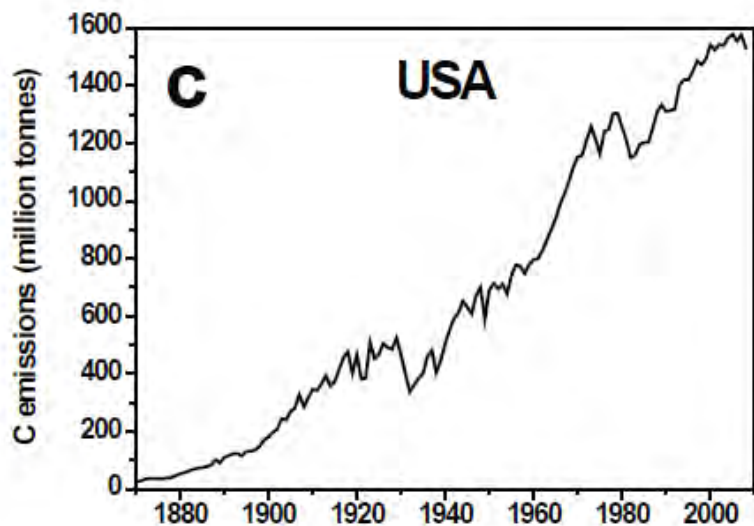
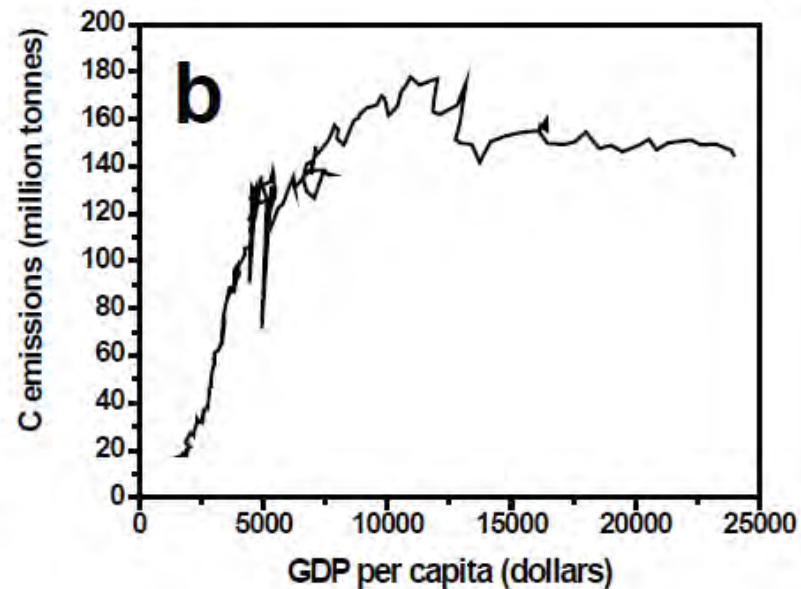
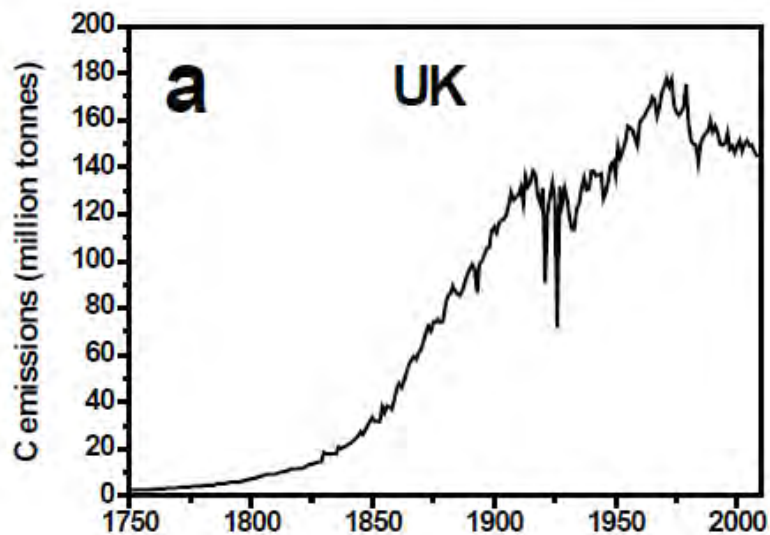
$$I = P \times A \times T$$

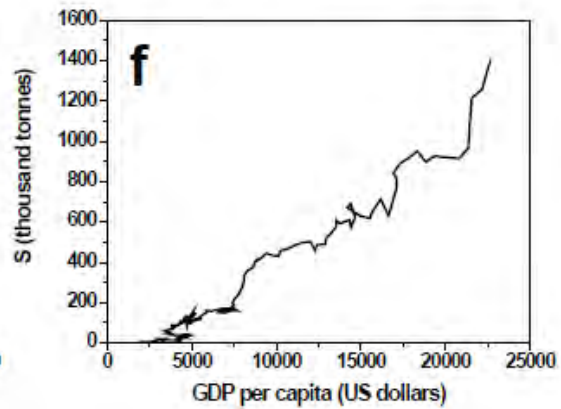
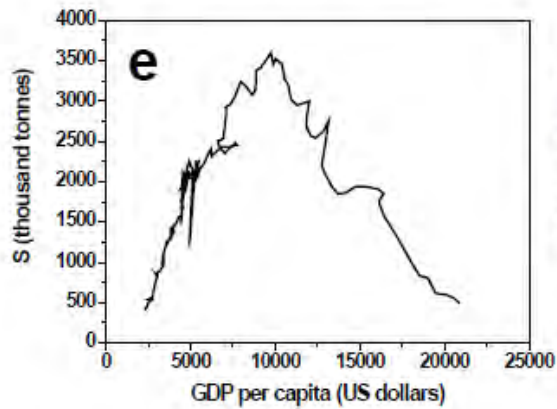
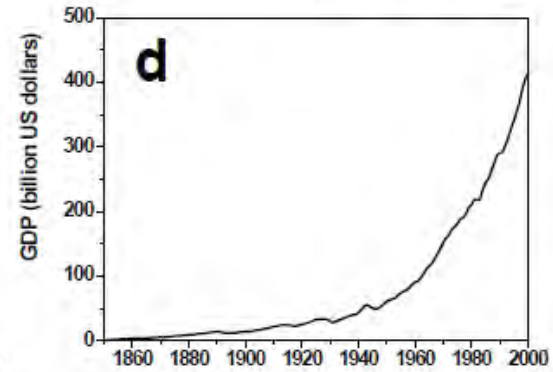
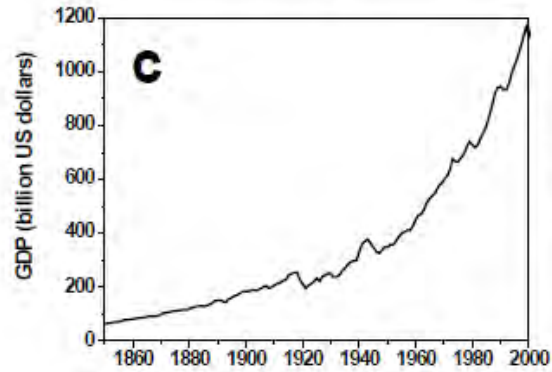
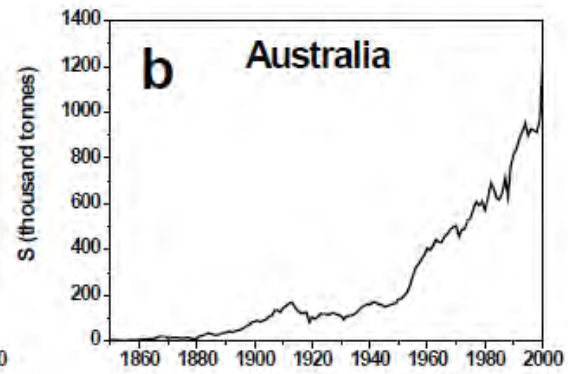
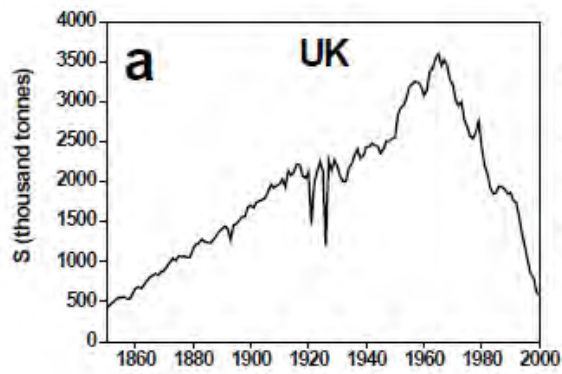


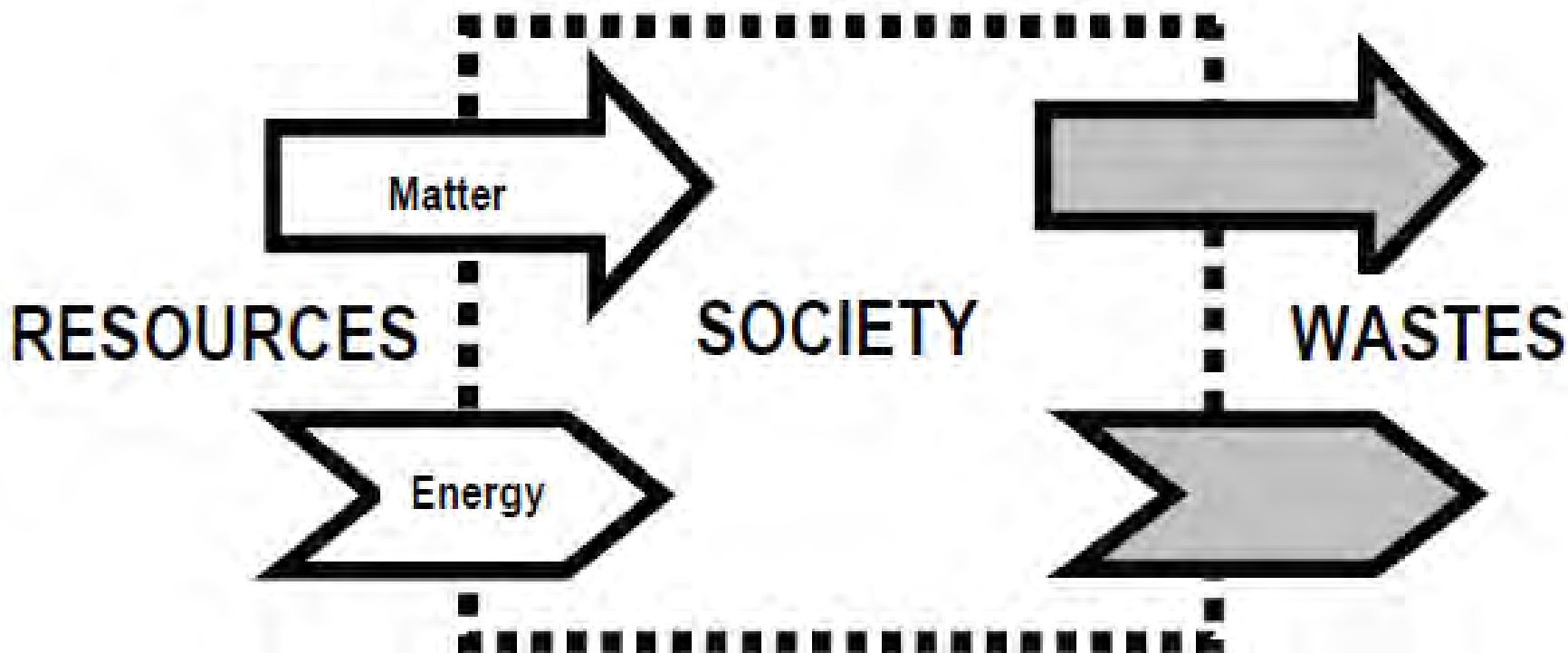








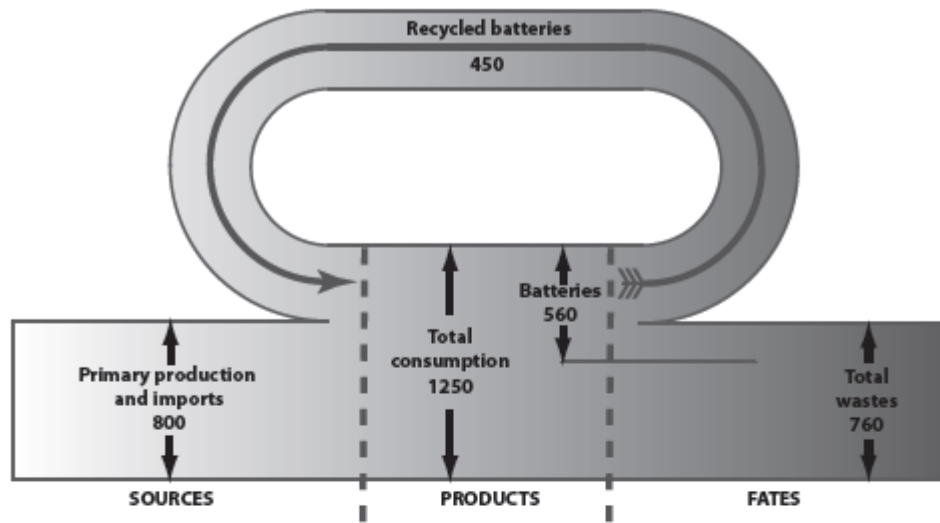




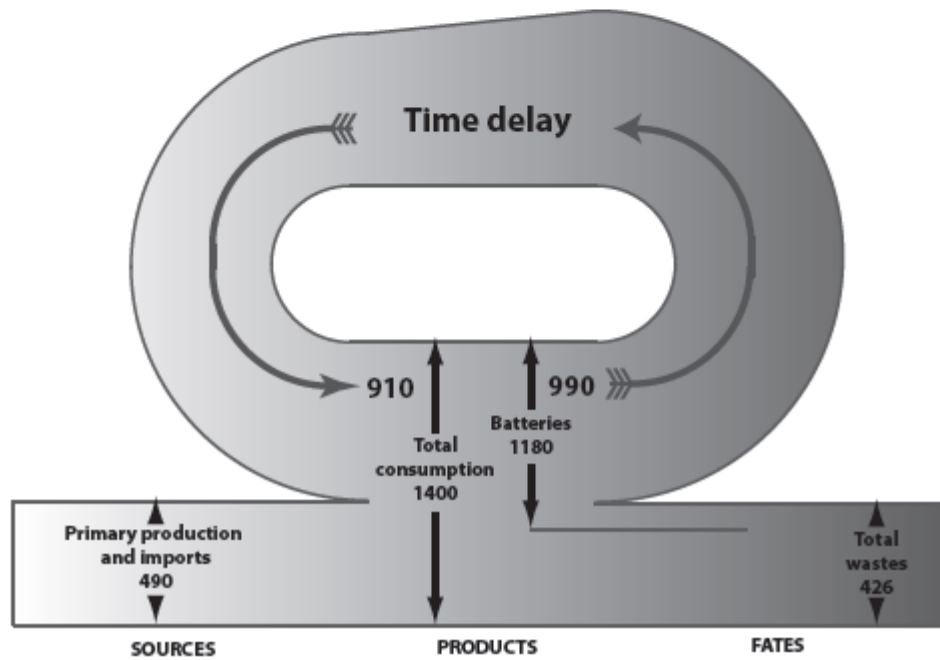
CIRCULAR ECONOMY



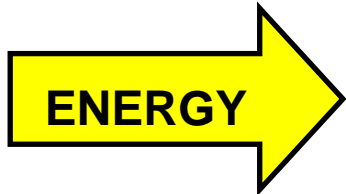
1970



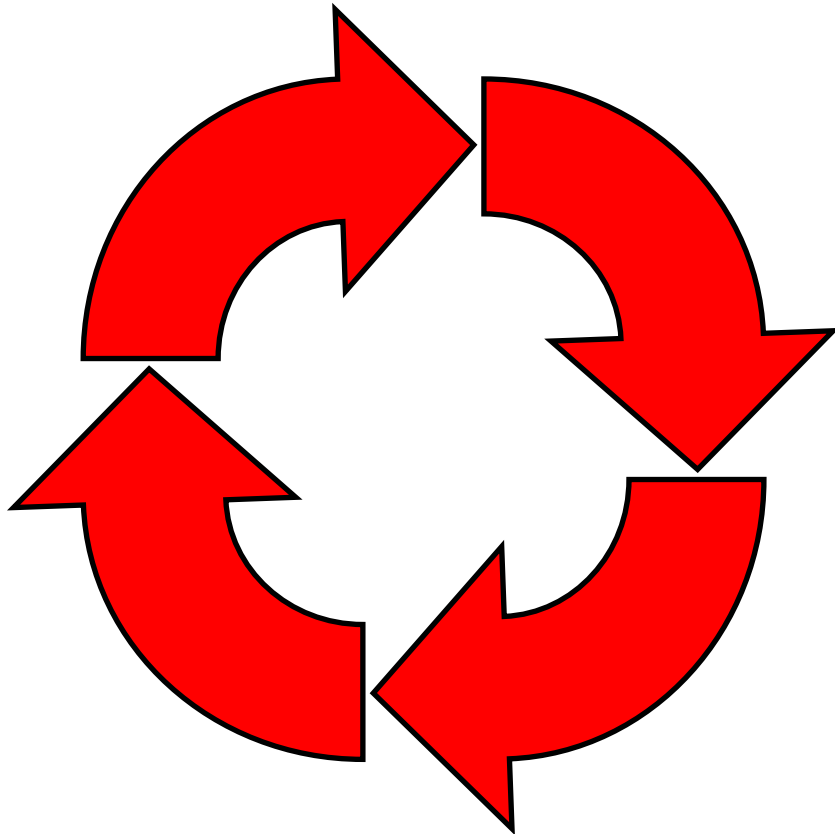
1994



ENERGY

A yellow arrow pointing to the right, containing the word "ENERGY" in black capital letters.

MATTER

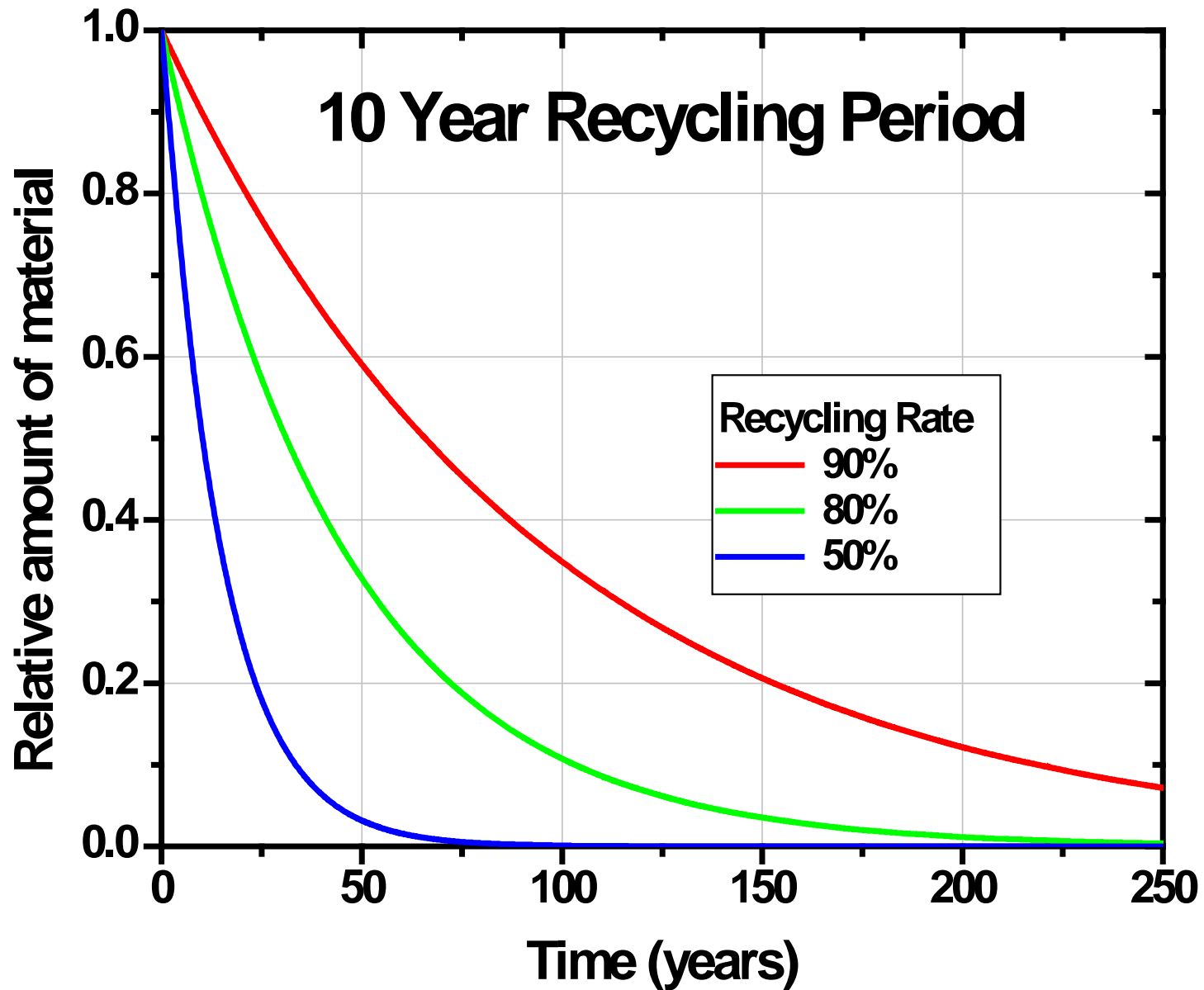
A red arrow pointing to the right, containing the word "MATTER" in black capital letters.

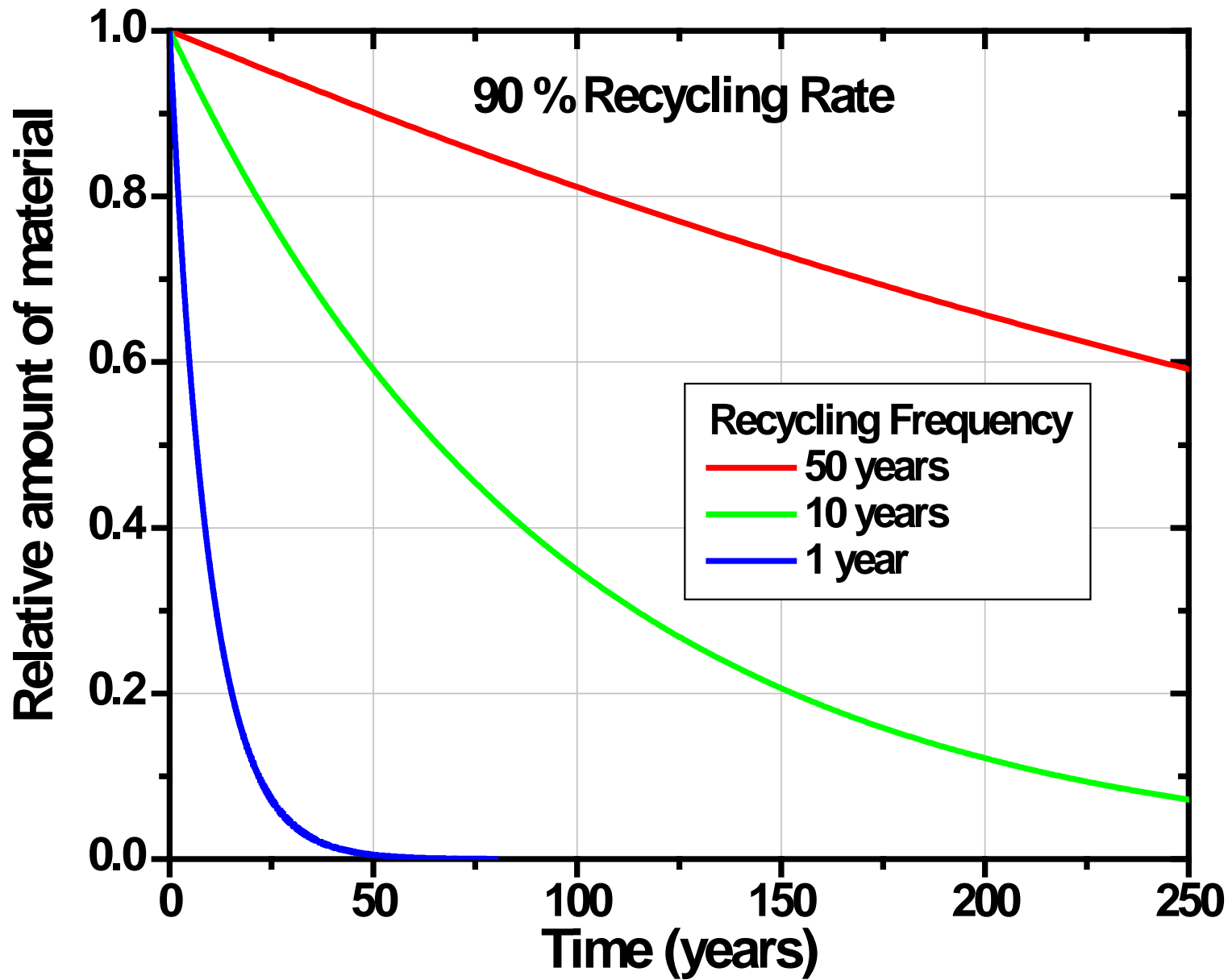
WASTE

A brown arrow pointing to the right, containing the word "WASTE" in black capital letters.

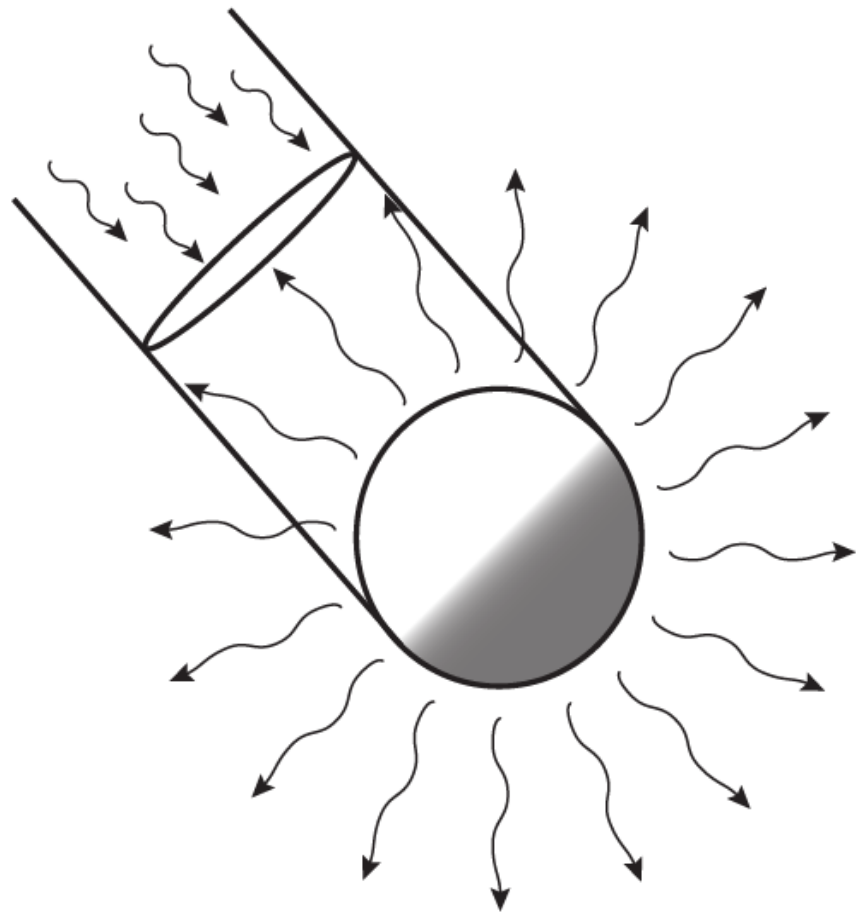
JCH

A black rectangular box with the letters "JCH" in white capital letters.









JCH

Photosynthesis

