

Story of Global Warming Activity

Alan Journet & Kathy Conway

Southern Oregon Climate Action

Now (SOCAN)

Southern Oregon Climate Action Now

SOCAN

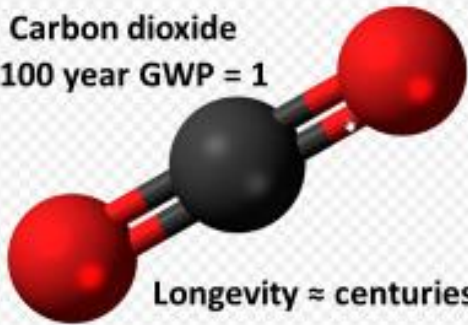
Confronting Climate Change

A

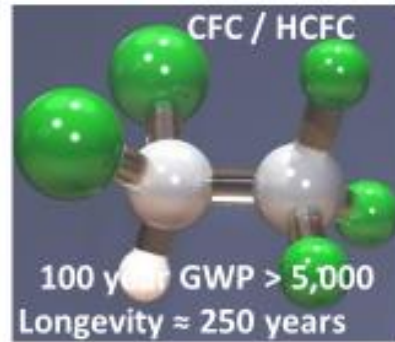
The Main Greenhouse Gases

GWP = Global Warming Potential
Carbon dioxide Equivalent = CO₂e
Capacity of gas to absorb heat

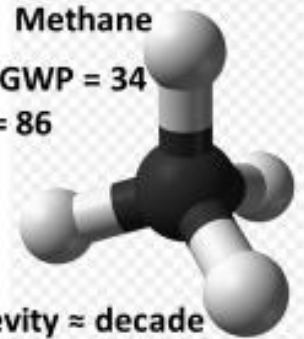
Carbon dioxide
100 year GWP = 1



Longevity ≈ 10 Days

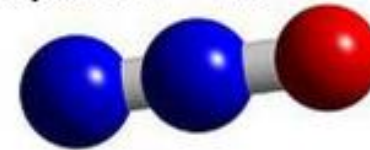


Methane
100 year GWP = 34
20 GWP = 86



Nitrous oxide

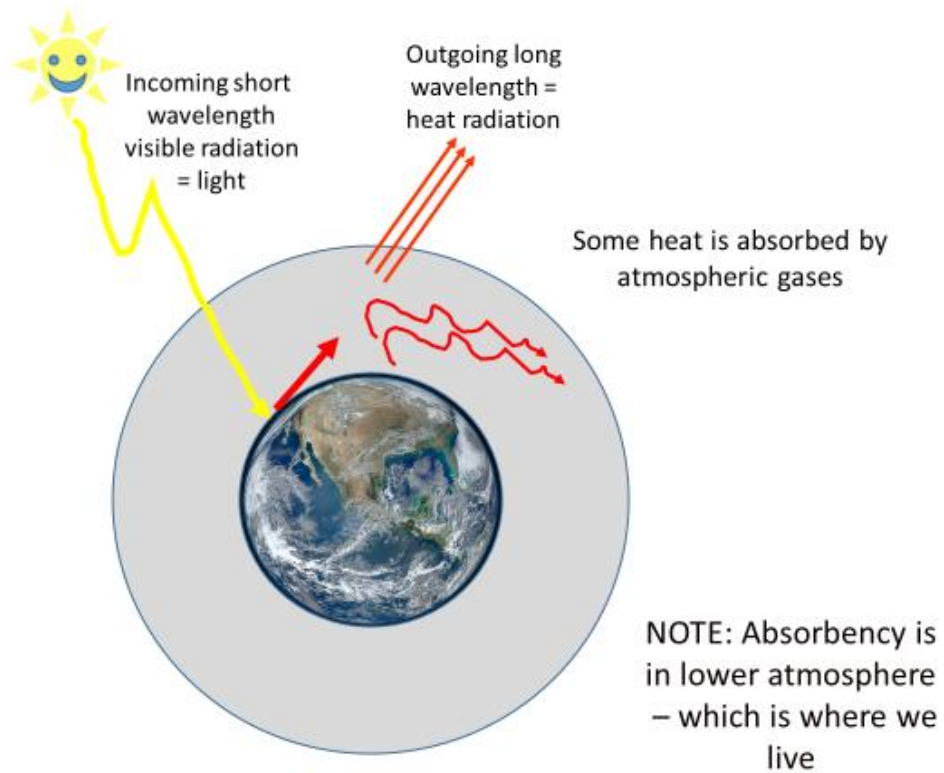
100 year GWP = 298



The Transformation of Incoming Radiation into Outgoing Radiation

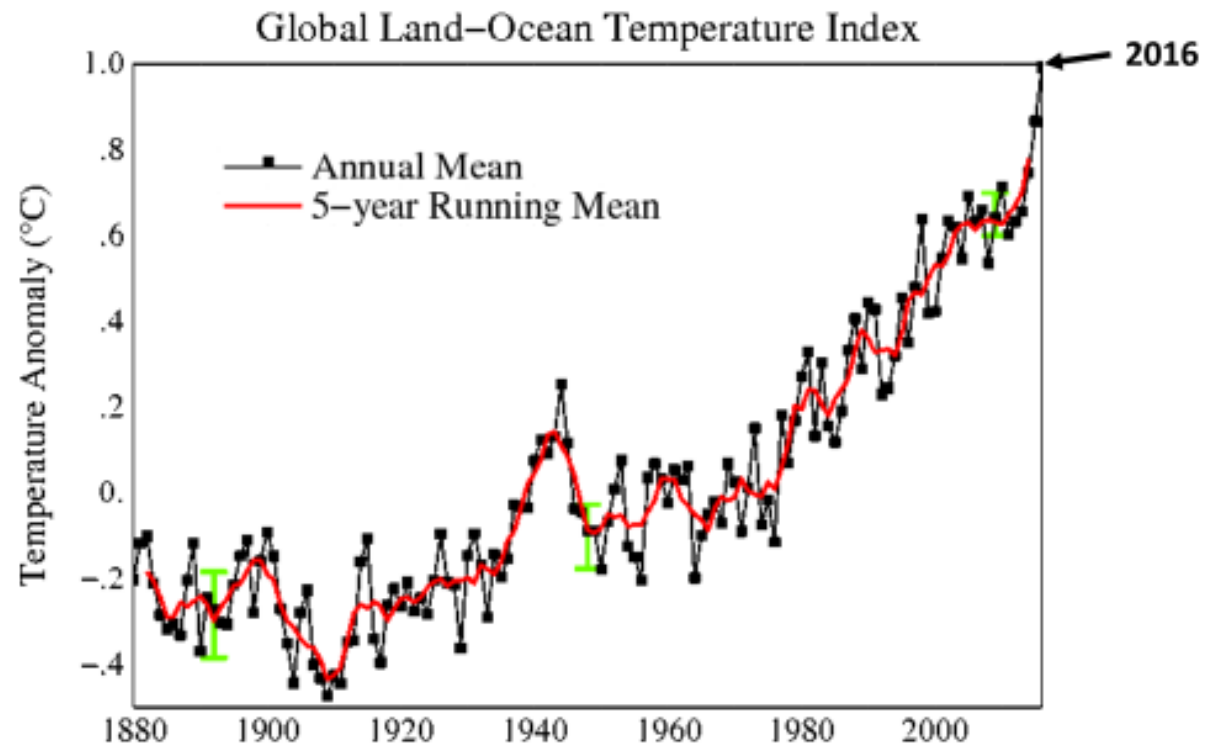
Depicting the solar radiation transformation that causes atmospheric warming

B



C

Global Temperatures 1880 – 2016



https://data.giss.nasa.gov/gistemp/graphs_v3/Fig.A2.gif

The Transformation of Solar radiation with Increased atmospheric greenhouse gas concentration

Depicting how increasing atmospheric Greenhouse Gas concentration causes atmospheric warming

