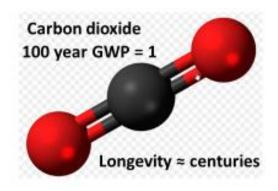
Story of Global Warming Activity Alan Journet & Kathy Conway Southern Oregon Climate Action Now (SOCAN)

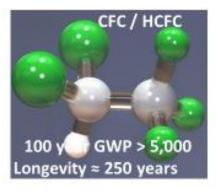
Southern Oregon Climate Action Now

Confronting Climate Change

The Main Greenhouse Gases



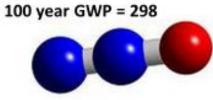
GWP = Global Warming Potential Carbon dioxide Equivalent = CO₂e Capacity of gas to absorb heat



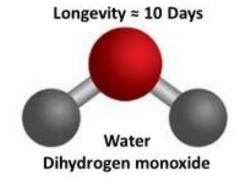
Methane
100 year GWP = 34
20 GWP = 86

Longevity ≈ decade

Nitrous oxide



Longevity ≈ century

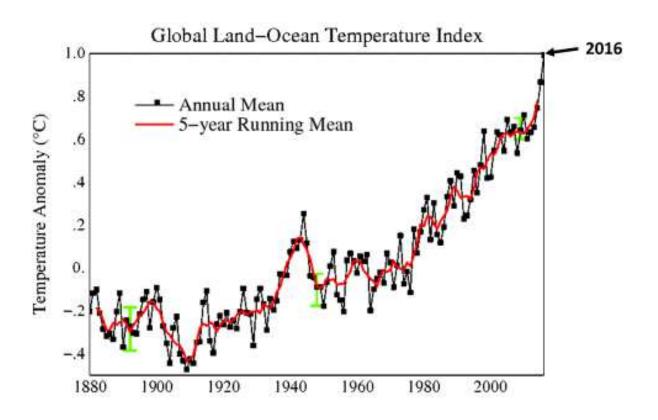


The Transformation of **Incoming Radiation into Outgoing Radiation**

Depicting the solar radiation transformation that causes atmospheric warming

В Outgoing long Incoming short wavelength = wavelength heat radiation visible radiation = light Some heat is absorbed by atmospheric gases NOTE: Absorbency is in lower atmosphere - which is where we live

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

