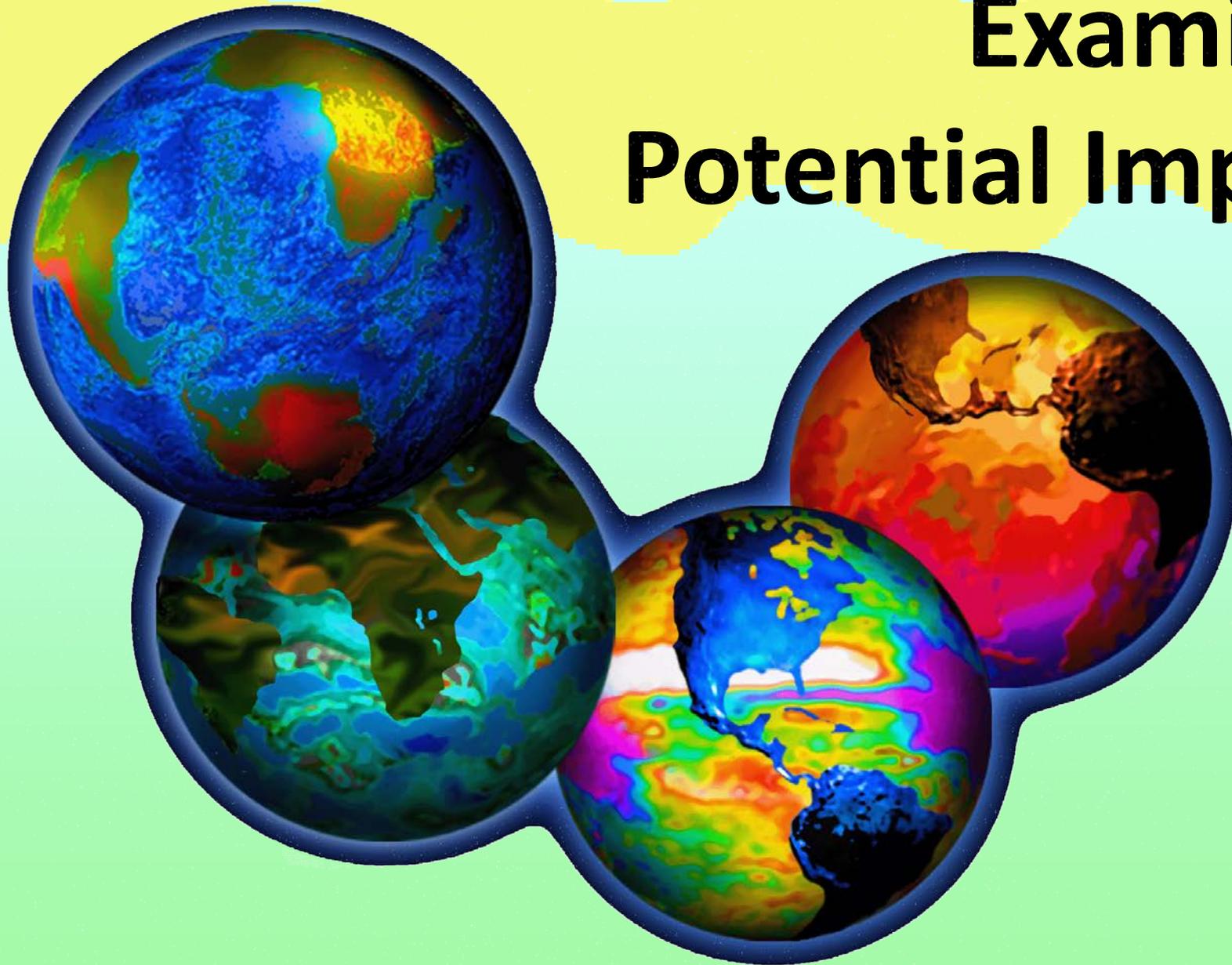
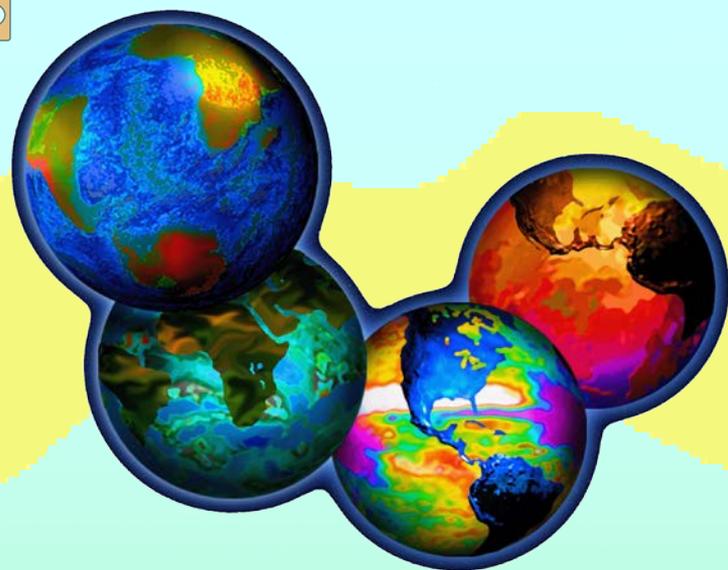


Examining Potential Impacts

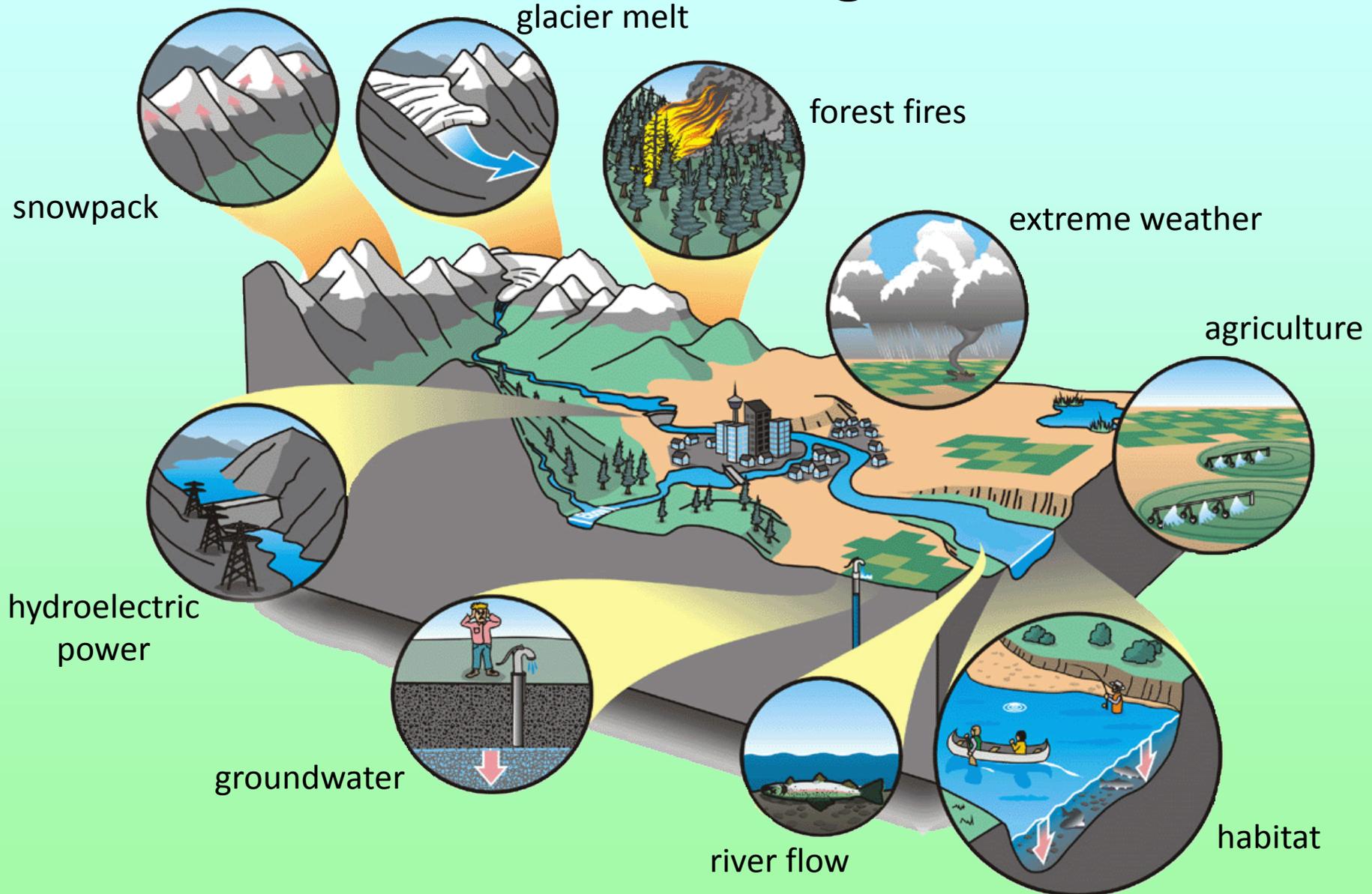




Lesson 5

**What's the Potential Impact
of Climate variability?**

What are some potential consequences of climate change?



Predicted Change in Hawai'i

rise in sea level

increased CO₂ concentrations

droughts



floods

changes in weather patterns

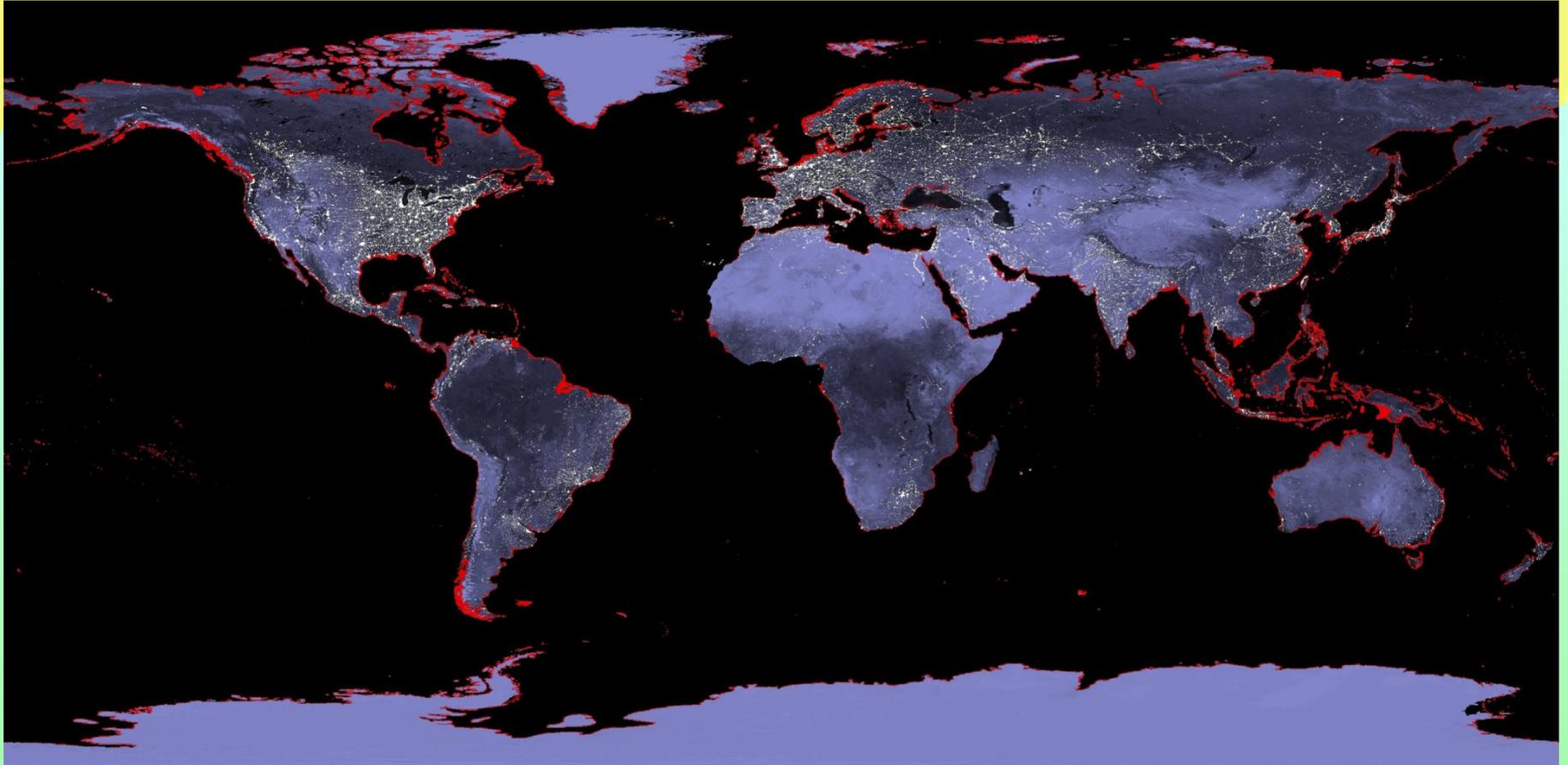
more frequent storms

increase in sea and air
temperatures

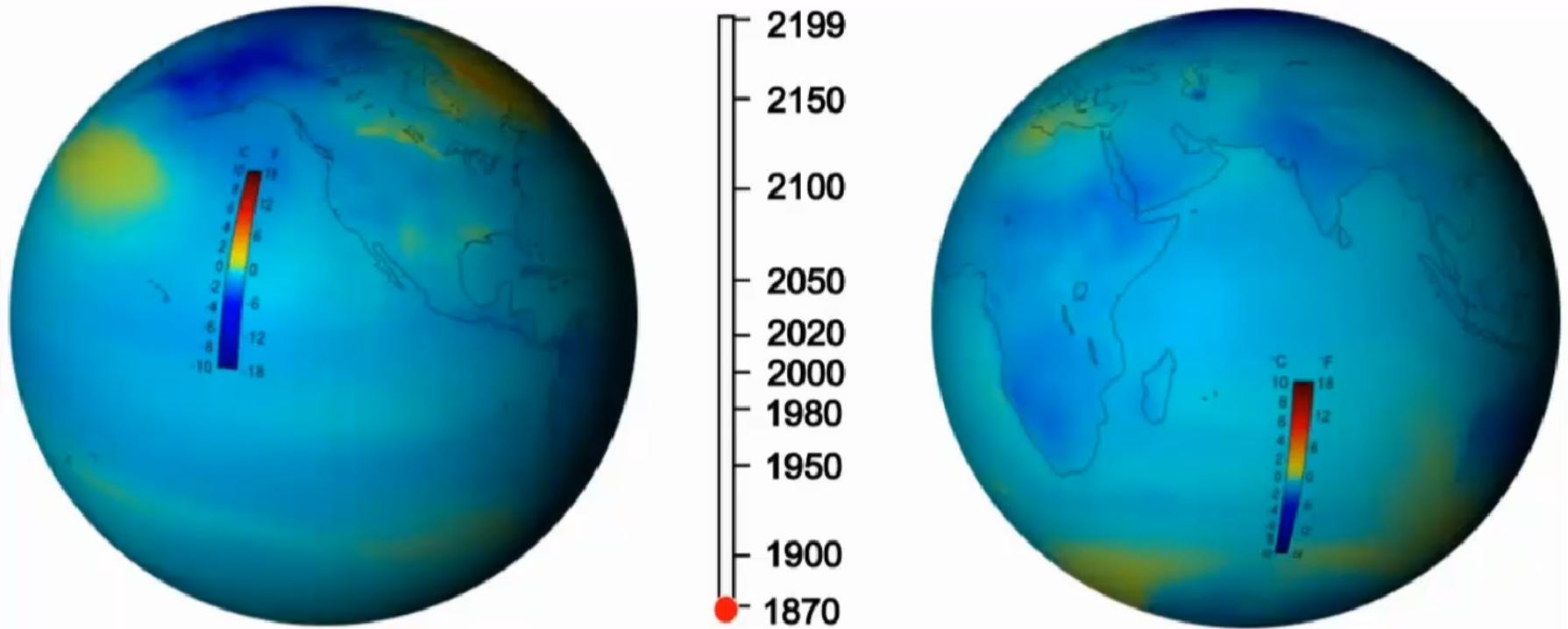
Computer Model: Oahu 1 meter sea level rise



Computer Model: Global Sea Level Rise



Computer Model: Air Temperature Change



Geophysical Fluid Dynamics Laboratory (GFDL) Global Temperature change from 1870 to 2199.



Remember...

- Computer models are **predictions** based on **past data**
- Climate has already undergone great natural changes in the past