



Climate Change Effect: Warming Oceans

Weather vs. Climate

Weather

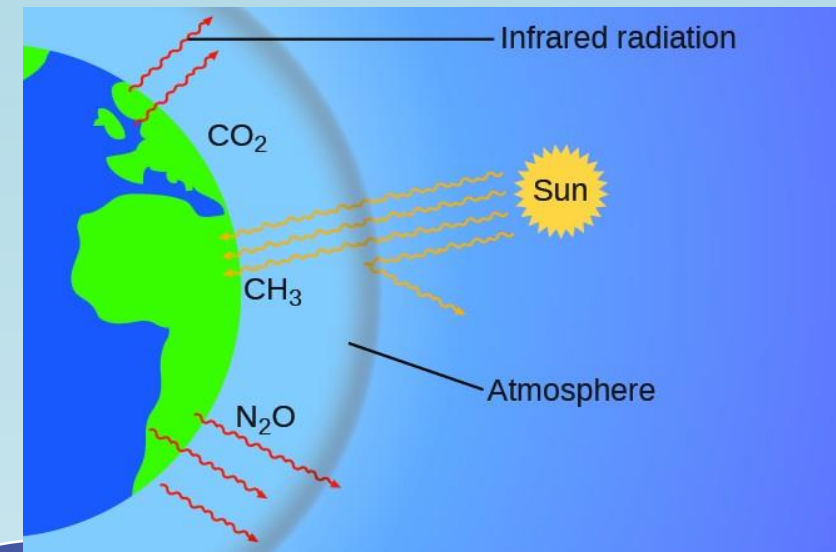
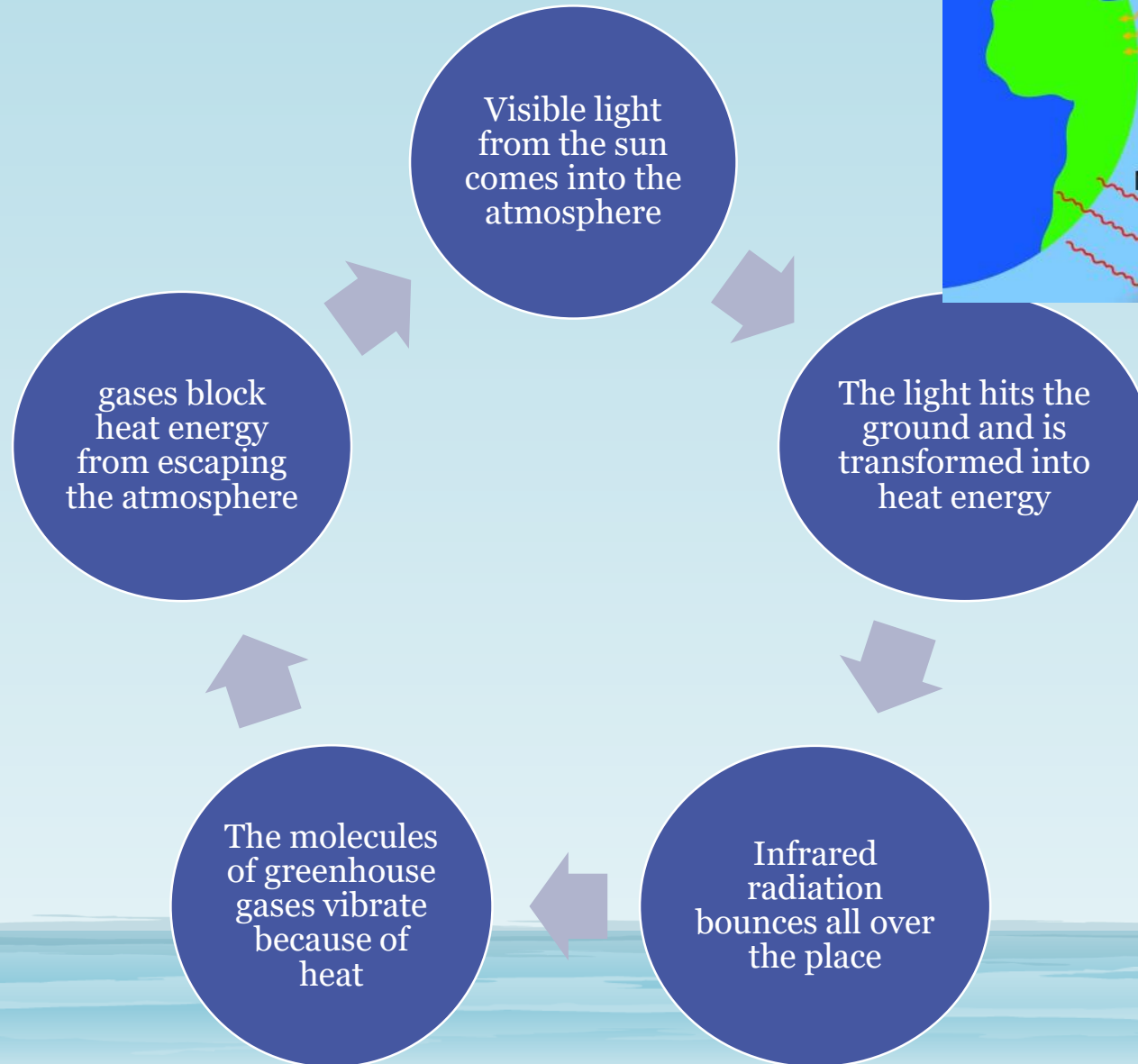
- “consists of short term changes in atmospheric variables. Ex- wind, temperature, precipitation, barometric pressure (pg 493)

Climate

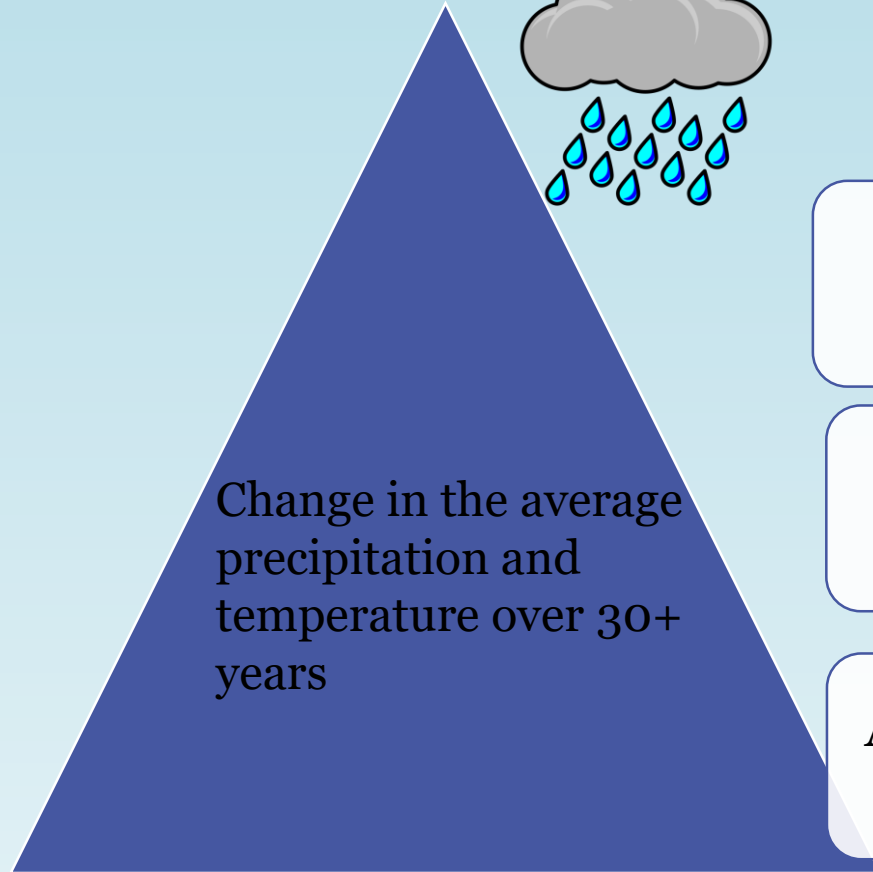
- “average weather conditions of the earth or a particular area . . . over a period of at least 30 years.” (pg 494)



The Greenhouse Effect



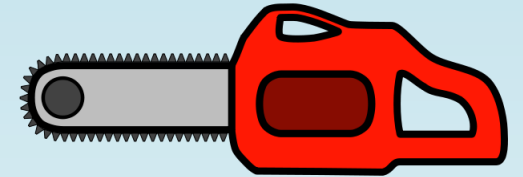
Climate change



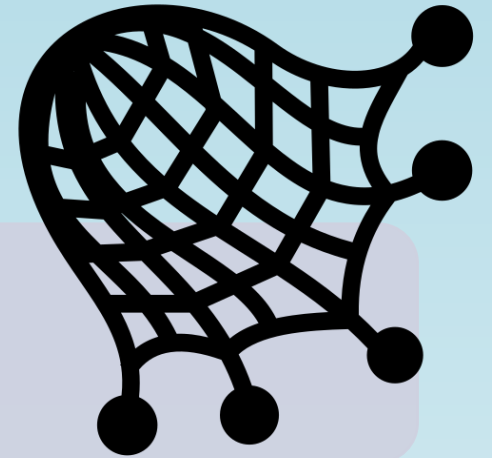
Burning fossil fuels such as oil and coal

Clearing carbon sinks such as forests and oceans

Agriculture and raising cattle



Dissolved Oxygen



Economic

- Affects fishing industry
- Tourist industries

Social

- Communities that rely on seafood diets lose food supply

Environmental

- Less oxygen results in sea life dying



Thermal Expansion

Economic

- Real estate destroyed because of excess flooding, resulting in higher prices



Social

- Loss of homes
- Denser populations in areas above sea level, resulting in more industry and pollutants



Environmental

- Sea levels rise
- Habitats destroyed



Warming currents

Economic

- Destruction of crops

Social

- Destruction of homes
- death

Environmental

- Severe weather occurrences
- Destruction of habitats

How can we help?

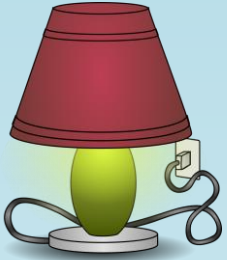


Eat less meat

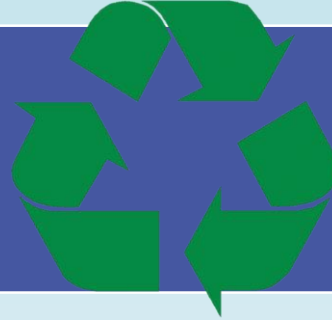


Carpool or use
public
transportation

Use less electricity



Reuse and recycle



Try to find
environmentally
friendly companies



Use less plastic

Works Cited

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