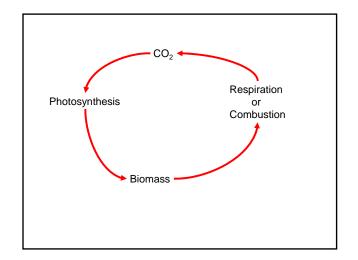
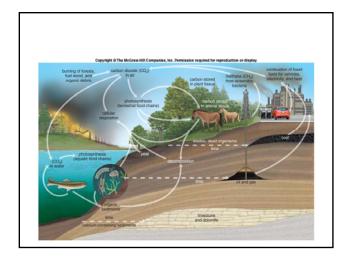
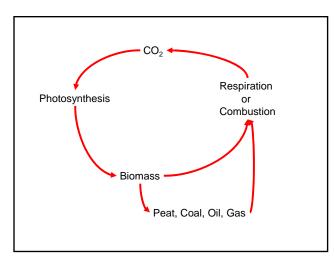
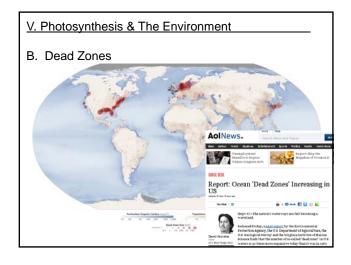
V. Photosynthesis & The Environment

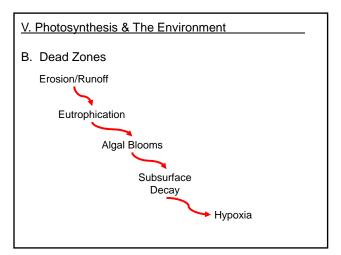
A. Carbon Cycle (pp. 486-487)



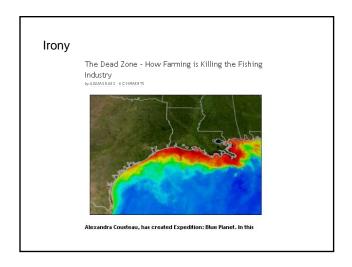






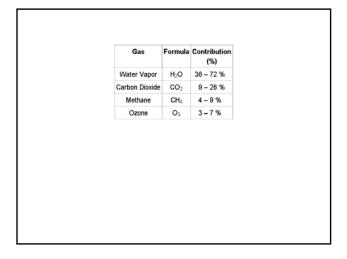


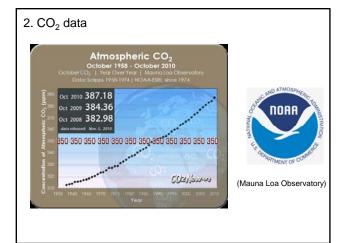
One Dead Zone in Gulf is size of New Jersey $(8,600 \text{ mi}^2)$ – prior to 2010 BP Spill

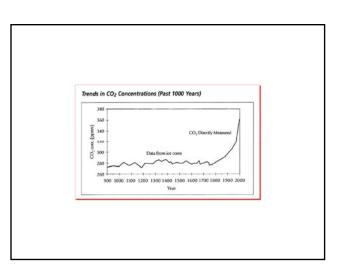


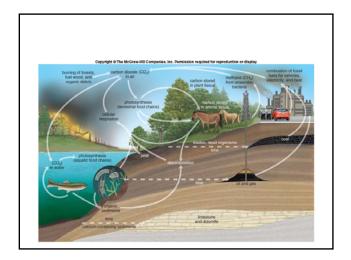
V. Photosynthesis & The Environment

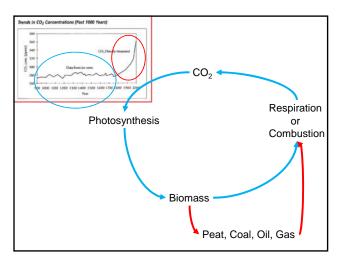
- C. The Greenhouse Effect (pp. 493-495)
 - 1. Greenhouse Gases "
 - -absorb infrared radiation heat.

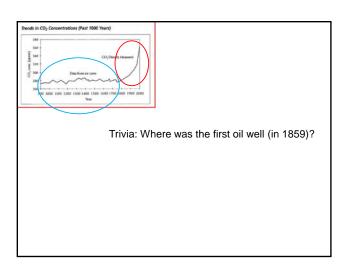


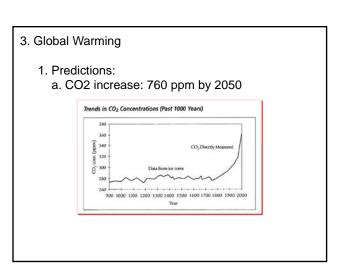












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	CHODAL	vvan	

- 1. Climate & Geographic Predictions:
 - b. Temp. increases:

2050: 1.5 C.

2100: 6.0 C.

Context (20 Ka, T was 4 C colder)

3. Global Warming

- 1. Climate & Geographic Predictions:
 - c. Rain/Temp Patterns altered = altered agriculture, disease biogeography

3. Global Warming

- 1. Climate & Geographic Predictions:
 - d. Sea level rise due to...

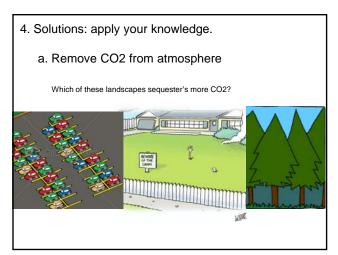
3. Global Warming

- 2. Sociopolitical Predictions:
 - -Centers of commerce change?
 - -Climate refuges?

- 4. Solutions: apply your knowledge.
 - a. Remove CO2 from atmosphere







- 4. Solutions: apply your knowledge.
 - a. Remove CO2 from atmosphere
 - b. Lower consumption of fossil fuels-conservation-More C-neutral alternatives

(biomass fuels, biofuels)

