

Chp. 3 Study Guide

1. What is the difference between biotic and abiotic.
2. How does the greenhouse effect work? What gases cause the greenhouse effect?
3. What is climate?
4. Where are the photic and aphotic zones of the ocean? Where does most photosynthesis take place?
5. Be able to interpret the climate graphs in section 3.
6. What is an estuary and why are they important?
7. How long should a scientist consider climate change data for? (a couple of years or decades of years)
8. What do weather and climate shape?
9. What is the difference between rivers/ streams, lakes and ponds, and freshwater wetlands?
10. How are biomes characterized?
11. What type of biome do we live in?
12. Are the Smoky Mountains a rainforest?
13. What is the following and what do they include?
Atmosphere
Hydrosphere
Biosphere
Geosphere
14. What causes the rain shadow effect?