**Climate Study Guide**

1. What is the climate classification system and what does it classify by?
2. What is the relationship between climate and weather?
3. What are the main climate types and criteria for each?
4. What is the greenhouse effect and what gases are associated with it?
5. How do the following affect global climate?
   1. El Nino
   2. Volcanoes
   3. CO2 fluctuation
6. How does deforestation lead to climate change?
7. What are heat islands?
8. How do heat islands affect climate?
9. What is ocean acidification and how is it changing climate?
10. How does temperature affect climate?
11. How has climate change affect the ocean levels?
12. How have humans negatively impacted climate?
13. What can we do to slow/stop climate change?
14. What is a microclimate?
15. How might earthquakes/plate movement affect the climate?

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