Environmental Geography Study Guide

The following items will be on the test Friday, May 17

* Vocab Look over your terms
* Agricultural Revolution 1
  + Sustainable Farming
  + Domestication of Animals and plants
  + From Hunting and Gathering to Herding and farming
  + Hard Labor working the farm
* Agricultural Revolution 2 (17th and 18th c)
  + Machinery
  + New Techniques. Crop Rotation,
  + Commercial Farming
* Agricultural Revolution 3 (1940s-1980)
  + GMOs
  + Green Revolution
  + Pesticides and Herbicides (impact on environment….runoff)
* Know the differences and characteristics among…slash/burn farming, commercial farming, subsistence, farming, plantation farming.
* Natural Disasters
  + Know the various types and examples (Hurricanes, Earthquakes, Tsunami)
  + The role of FEMA, NGOs, and the UN as a response to these.
* Water project and use of water
* Allocation of Natural Resources
  + Overfishing
  + Quota
  + Lumber/
  + Deforestation in Brazil
  + Aral Sea (Why shrinking)
  + Chernobyl
  + Desertification
  + Lake Karachay and other examples of environmental disasters
  + Territorial Sea (How far out)
  + EEZ (How far out)
  + What happens when multiple countries are located in the same area? (think of the Persian Gulf)
* Keystone Pipeline
* Renewable vs. non-Renewable resources. Know the difference.
* What do scientists say is the leading cause of “Global Warming”?
  + Acid Rain…cause and impact
* Fracking,
* Strip mining, Deforestation.
* Dams & Reservoirs
  + Three Gorges Dam
  + Hoover Dam
  + Aswan High Dam
  + Niagara Falls Dam

**STANDARDS for Unit 6: Environmental Geography**

**SSWG5 Analyze human interactions with the world’s environments.**

**a. Describe how and why agricultural techniques and technology have changed over time (e.g., irrigation, crop rotation, green revolution, and GMO’s).**

**b. Analyze the impact of water insecurity around the world (e.g., drought, desertification, water rights, and depletion of the Aral Sea).**

**c. Analyze the economic, political and environmental impacts associated with industrialization and natural resource management around the world (e.g., fracking, strip mining, building of dams and reservoirs, deforestation, sustainable development, and renewable vs. non renewable resources).**

**d. Analyze international and varied local governmental responses to natural disasters in countries around the world (e.g., hurricanes, earthquakes, and tsunamis).**

**e. Evaluate how global trade systems impact environmental sustainability in both importing and exporting countries (e.g., plantation farming in Africa and Central/South America, overfishing of global waterways, and international lumber trade).**