

**ENV 115 – Environmental Science**  
**Chapter 2 Review topics**

1. How does the Tijuana river case study relate to the topic of economic and environmental policy?
2. Define Economics.
3. Distinguish between mixed, centrally planned, capitalist and subsistence economies.
4. How are the environment and economy linked?
5. What are non-market values? What kind of non-market values does our environment have?
6. Distinguish between policy, public policy and environmental policy.
7. What is an external cost? Why do we want to prevent it?
8. How do the 3 branches of government work together to form policy?
9. What is the “fourth branch” of government? What do they do?
10. What are the differences in how the state government works versus how the federal government works?
11. What are the characteristics of early (1<sup>st</sup> wave 1700s to the late 1800s) environmental policies and attitudes?
12. What are the characteristics of the second wave (late 1800s to mid 1900s) of environmental policies and attitudes?
13. What are the characteristics of the third wave (1960-1980) of environmental policies and attitudes?
14. What are the characteristics of most recent (4<sup>th</sup> wave 1980 to present) environmental policies and attitudes?
15. Who is Rachel Carson? Why is she important?
16. What is the National Environmental Policy Act (NEPA)?
17. What is the Environmental Protection Agency (EPA)?
18. How does international environmental policy differ from national environmental policy?
19. Describe the European Union (EU), the United Nations (UN), the World Bank, the World Trade Organization (WTO), and non-government organizations (NGOs) and their role in international environmental policy formation.
20. What are the six steps in making environmental policy? How do the first 3 steps differ fundamentally from the last 3 steps?
21. What role does science play in policy? How can it become distorted?
22. Distinguish between command-and-control, subsidies, green taxes, ecolabeling and permit trading as approaches to environmental policy.