

AP Environmental Science – Summer Assignment

Due Date: 1st day of class. No late assignments will be accepted!

Resources Needed: device with internet and word processing

Assessment: The Article Summary will count as the first quiz grade of the quarter. The environmental legislation assignment will count as the first minor test grade of the quarter.

Purpose: To introduce you to environmental science and some important environmental legislation. The first assignment will be a written review of a recent environmental problem. The second assignment will be a table overview of important environmental laws that have been passed over the last 150+ years.

Assignment #1: CURRENT EVENTS: ENVIRONMENTAL ARTICLES SUMMARIES & REFLECTIONS

Find one article that has been published recently (2016-22).

- Each article should be about an environmental issue. **Examples:** chemical contamination, climate change, pollution, deforestation, overpopulation, endangered species, invasive species, pesticides, habitat destruction, emerging diseases
- Include the hyperlink to the URL if you found it online
- Sources can include scientific publications, journals, newspapers like the NY Times, *National Geographic*, *The Wall Street Journal* (aim high - the more scholarly the better). Online newspapers or journals or .gov, .edu. or .org sites are okay too
- Include a Works Cited at the end of your reflections (MLA fine)

Write a review of the article and please address the following criteria in at least 1 page double-spaced

1. Summarize the content of the article in your own words.

- a. Focus on the following questions:
 - i. What is the problem? When did it begin?
 - ii. Do we know who the responsible parties are? If so, who is it?
 - iii. How severe is the environmental impact?

2. Reflect on or write your personal reaction to the article.

- a. Focus on the following questions.
 - i. What are your thoughts on the issue? Is the article biased or pointing blame?
 - ii. How does it compare to information you have heard or read before? Does it support/refute what you know or thought you knew?
 - iii. What other information would be helpful for you to better understand the environmental impacts?
 1. Are there words/concepts you don't understand?
 2. Do you know who to trust in regard to "the facts" presented?

Assignment #2: Environmental Legislation

Construct a table like the example below that organizes important information regarding environmental legislation for the laws/treaties listed below. Include the following information:

- Name of Law or Treaty
- Draft Year and Amendment Years
- Is it International (world) or National (just the U.S)
- Describe the Function.
- What Environmental Issues are affected by this Legislation?
- Agency/Group Responsible for Regulation and Enforcement (United Nations, Department of Interior, EPA, etc.)

EXAMPLE

Name	Draft Year	International or US?	Summarized Description	Issue(s) Affected	Agency
Clean Air Act	1963, 1977, 1990	US	To monitor and control air pollutants such as sulfur dioxide, nitrogen oxides, carbon monoxide, particulate matter, ozone, lead, carbon dioxide, volatile organic compounds, mercury. Meant to protect public welfare and health and regulate emissions of dangerous air pollutants	Air pollution, human health	EPA

Table Hint: You can use your textbook or online SCHOLARLY resources to find the information. Since these are governmental in nature, .gov sites are best!

List of Legislations to Research:

1) Clean Air Act (CAA)	9) General Mining Act of 1872	17) Wilderness Act
2) Clean Water Act (CWA)	10) Surface Mining Control & Reclamation Act	18) Fish and Wildlife Act
3) Safe Drinking Water Act	11) Soil & Water Conservation Act	19) National Wildlife Refuge System Act
4) Kyoto Protocol	12) Resource Conservation & Recovery Act (RCRA)	20) Lacey Act (1900)
5) Montreal Protocol	13) Energy Policy Act	21) Comprehensive Environmental Response, Compensation Liability Act (CERCLA)
6) Endangered Species Act (ESA)	14) National Environmental Policy Act (NEPA)	22) Oil Pollution Act (OPA)
7) Marine Mammal Protection Act (MMPA)	15) Pollution Prevention Act (PPA)	23) Toxic Substances Control Act (TSCA)
8) Convention on the International Trade in Endangered Species (CITES)	16) Marine Protection, Research and Sanctuaries Act (MPRSA)	24) National Energy Act

See you in August!

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(<https://www.imgacademy.com/sites/default/files/2020-apes-summer-assignment.pdf>)