

The first exam covers the following material:

- Class Lectures & Discussion, January 21 to February 23
- Smith, *The Environmental Policy Paradox*, pages 1-20, 36-84, 222-246
- *Annual Editions*, Numbers 5, 7, 25-27, pages 44-59, 70-73, 208-237
- *Taking Sides*, Number 1-3, 6-7, pages 1-61, 96-135

The exam includes 20 true/false items worth two (2) points each, two identification items worth ten (10) points each, and one essay worth 40 points. The exam counts as fifteen percent of your final grade.

Part II: Identification: You will define, illustrate, and explain the political importance of two of the following. You will be able to choose from four on the exam. Each identification item is worth 10 points. (TS=Taking Sides; AE=Annual Editions)

Aldo Leopold	The precautionary principle (TS 1)
John Winthrop	“REACH” system (Rifkin, TS 2)
John Muir	EUETS (Allen & White, TS 6)
Gifford Pinchot	Rainey Wildlife Sanctuary (Lee, TS 7)
Rachel Carson	The Reawakening (Smith, ch 2)
Homestead Act of 1862	Incrementalism (Smith, ch 3)
2009 Stimulus Bill	Cost-benefit analysis (Smith, ch 3)
Chicago & the Midwestern forests	EIS (Smith, ch 3)
Public opinion & climate change	Bureau of Land Management (Smith, ch 3)
The “denial machine” (AE 26)	Mission of NASA (AE 25)
“Excess of Objectivity” (AE 27)	Farmland conversion (Smith, ch 9)
Global attitudes toward consumerism (AE 5)	Fire management (Smith, ch 9)
Religion & the Dominant Social Paradigm (Smith, ch 2)	

Part III: Essays: You will write an essay in response to one of the following questions. You will be able to choose from two of these. The best answers will blend evidence from lectures and the books; they will be clear, concise, and they will use specific examples. The essay is worth 40 points.

1. Describe the three stages of environmental concern in the U.S., according to lecture. Be sure to illustrate with the examples of the time frame, motivating principles, individual spokespersons, interest groups and federal government agencies that are representative of each era. Use Zachary Smith’s text where relevant. Are we about to enter a new era of environmental concern? Give clear reasons for your answer.
2. Why is risk analysis important, according to Smith? How do politics and uncertainty affect risk analysis? What are unanticipated consequences and why are they important in regulation? Given these issues, what are the strengths and weakness of cost-benefit analysis for regulating risk? Be sure to illustrate with clear examples.
3. How much land does the federal government own? What makes this land valuable? According to Smith, what is pluralism (chapter 4) and how does it affect public land policy (chapter 9, p. 232). What is the multiple use doctrine? How does the federal government manage recreation and fire on its lands? Do multiple use, recreation, and fire management illustrate pluralism? Explain your answer. Use clear examples.
4. What is the case for and against the claim that a price should be placed on the goods and services provided by the world’s ecosystems (Taking Sides #3). How would an advocate for each side assess the plan to drill in ANWR (Taking Sides #7) and why? How would an advocate for each side assess the claim that carbon offsets are not an effective way to deal with greenhouse gasses (Annual Editions, #7) and why? Clear explain your answers.