

## **Fall 2020 Study Guide for Exam 1**

### **Introduction lecture**

Social sciences

Humanities

### **Systems/ Intro to People and the Environment**

Tragedy of the Commons

Elinor Ostrom's findings on overcoming the Tragedy

Sustainability

Triple bottom line/three P

How to reduce uncertainty

Systems thinking

Leverage points

Resilience

### **Environmental Ethics**

Define Environmental Ethics

Virtue ethics

Consequence-based ethics

Duty-based ethics

Intrinsic value

Instrumental value

Biocentric

Ethnocentric

Anthropocentric

Environmental Justice

Wangari Matthai

### **Environmental Economics**

Define economics/environmental economics

Micro/macro economics

Economic systems types

Invisible hand of Supply and demand

Positive and negative externalities/examples

Ways to measure costs/values of an ecosystem

Ecosystem services/three categories

Payments for ecosystem services

Doughnut Economics

Green GDP/GPI (watch video all the way through)

### **Environmental Policy**

Define Environmental Policy

Methods that environmental policies may use for guiding actions

The 3 ways International laws and policies are set

Our five most effective pieces of environmental legislation:

- the Endangered Species Act
- the Clean Air Act

- the Montreal Protocol = Ozone Layer
- the Clean Water Act
- Reformation Plan No. 3 of 1970 = EPA

### **Environmental Psychology**

Psychology/conservation psychology

Broad topics in conservation psychology/examples

Last Child in the Woods

Cognitive hierarchy;

Values, value orientations, attitudes,

Beliefs, norms, emotions

### **Environmental Sociology**

Define environmental sociology

3 environmental functions that serve humans

Love Canal

Rachel Carson

Silent Spring

Earth Day

Examples of how environmental concerns are institutionalized in society

How environmental sociologists analyze the social forces generating environmental problems

### **Environmental Anthropology**

Define anthropology/ environmental anthropology

Broad areas of research under environmental anthropology/examples

Determinism/possibilism

Traditional ecological knowledge

Video by Wade Davis (in class)

Video by Jared Diamond: why societies collapse (on your own)