

How do I study for my Environmental Science Midterm?

GET ALL NOTES IN ORDER

As you go through each chapter, add to your notes, high-light and take note of any concepts you still are having difficulty with – be prepared to ask questions on review day

GO OVER OLD TESTS

Put vocabulary onto flashcards

Use 'HIGHLIGHTS' and chapter reviews

SPECIFICALLY...

Chapter 1

- what is environmental science?
- Be able to discuss the history of environmental change: hunter-gatherers, agricultural revolution, industrial revolution
- “tragedy of the commons” – history and how it applies today
- economics and the environment
- populations – consumption trends, ecological footprints, sustainability

Chapter 17

- non-renewable energy – PROS AND CONS OF EACH
- energy resources and fossil fuels – US and the world
- coal/oil/natural gas deposits
- burning of fossil fuels
- nuclear energy/uranium/fission/fusion/Chernobyl

Chapter 18

- renewable energy – PROS AND CONS OF EACH
- solar-passive/active/photovoltaic cells
- wind power
- biomass fuel-methane, alcohol
- hydroelectricity
- geothermal energy-heat pumps for homes

Chapter 14: Land

Deforestation
Rural
Wilderness
Ecosystem services
Rangeland
Urban
Virgin forest
Native forest
Tree farms
Cropland
Parks/preserves
Clear-cutting
Selective cutting

Chapter 15: Food and Agriculture

Green revolution
Fertile soil
Pest management- biological vs. chemical
No-till farming
Overharvesting
Malnutrition
High-yield crops
Erosion
Desertification
Arable land
Layers of soil
Fertilizers

Chapter 5.3 only- How ecosystems change

- succession
 - o land - primary and secondary
 - o pond (from notes)

- "Land Without People"