APES Moretz

Introduction to Environmental Science 2015/16

**Unit Summary, Chapter 1**

1. What does it mean to live sustainably?
2. What does an ecological footprint tell us? Why is it important?
3. Explain how sustainability can be measured using the ecological footprint.
4. Discuss the roles the different worldviews (e.g., conservation, preservation, frontier attitude) have on how humans use resources.
5. Explain how, in general, the writings/art/attitudes of past environmental leaders has impacted public thinking of the environment today. Cite 3 examples to support your explanation.
6. A web search of environmental organization yielded a range of estimates of the amount of forest clearing that is occurring worldwide:

Estimate 1: 1 acre per second

Estimate 2: 80,000 acres per day

Estimate 3: 32,000 ha per day

Convert all three estimates into hectares per year and compare them.

**There are 2.47 acres per hectare. Therefore, 1 acre = 0.40 ha.**