

Human Environmental Problems  
UW-Whitewater Geography 252  
Pre and Post Test Fall 2003

Learning Objectives (as defined on the course syllabus):

- (1) identify and describe major global environmental problems
- (2) critically evaluate scientific studies and arguments
- (3) possess an “international” perspective on global environmental problems
- (4) apply and relate the material covered in this course to their lives

Pre- and Post-Test Questions (Learning Objective Being Assessed in Parentheses)

1. What is the greenhouse effect? Is it good or bad? (2 pts) (Objective 1)

Pre Test Score	Post Test Score	Changed Score
.99	1.55	.56

2. What and where is the ozone hole? What causes it? (2 pts) (1)

Pre Test Score	Post Test Score	Changed Score
1.04	1.66	.62

3. Hydroelectric power is generally considered to be a clean source of electricity. What negatives are associated with it? (2 pts) (2)

Pre Test Score	Post Test Score	Changed Score
.86	1.91	1.05

4. What is deforestation? Where has it been the most severe? (2 pts) (3)

Pre Test Score	Post Test Score	Changed Score
1.55	1.82	.27

5. What happened to the dodo, moa and passenger pigeon? (1 pt) (3)

Pre Test Score	Post Test Score	Changed Score
.85	.98	.13

6. Was Smokey the Bear a good bear? Why? (2 pts) (2)

Pre Test Score	Post Test Score	Changed Score
.78	1.85	1.07

7. What is the primary source of electricity in Wisconsin? (1 pt) (4)

Pre Test Score	Post Test Score	Changed Score
.25	.77	.52

8. Acid Rain is a big problem in the eastern U.S. and Canada. Where does it come from? (2 pts) (2)

Pre Test Score	Post Test Score	Changed Score
1.15	1.3	.15

9. What is stand-by electricity? (1 pt) (4)

Pre Test Score	Post Test Score	Changed Score
.03	.76	.73

<b>Avg. Pre Test Score</b>	<b>Avg. Post Test Score</b>	<b>Changed Score</b>
7.49	12.61	5.12