

Name _____

Date _____

Human Accelerated Environmental Change: Notes

1. What are the seven major interacting changes that are caused by humans?

_____	_____
_____	_____
_____	_____
_____	_____

2. How many people live on the earth now? _____ How many people *may* live on the earth by 2050? _____

3. What percent of the world's population lives in the U.S.? _____

4. Which countries consume the most? _____ How much does the U.S. consume? _____

5. One of the fastest growing cities in the U.S. is _____

6. What are some of the consequences of changing land use?

7. Pollution from _____ is high in the middle of the U.S.

8. What has happened to land use in the mid Hudson Valley?

9. What type of forest has increased in the mid Hudson Valley?

10. What percent of invertebrates are threatened, according to the IUCN? _____

11. _____ are one group that has been hit particularly hard, due to a combination of factors including _____ and _____, among others.

12. What is another group of organisms that have been affected by a number of causes?

13. Examples of invasive species in the Hudson River are _____ and _____.

14. Carbon dioxide, _____, and nitrous oxide are all increasing dramatically.

15. _____ are melting due to rising temperatures.

16. How important is the Northeast in terms of global carbon emissions?

17. What are some things that may happen in the future if temperatures continue to rise?

