Ecosystem Services Video

www.youtube.com/watch?v=BCH1Gre3MgO

1. __________________ is a community of organisms that interact with one another. Many of these interactions result in benefits to humans. What are some of the ways that humans benefit from ecosystems?

2. __________________ describe the benefits that we receive from the normal processes of the natural environment.

3. (0:12) What percentage of the species richness will we loss by the middle of the century? ________

4. (0:15) What are the three ways humans benefit from biodiversity?

5. (0:52) What are some direct services that we receive from the ecosystem?

6. What is the rare plant the provides medicine for childhood leukemia?

7. (3:15) The narrator describes the importance of mangrove swamps as an “indirect service”. What are some local examples of indirect services we receive for the Chesapeake Bay

8. (3:17) What are people (in some parts of the world) destroying mangroves? __________________

9. (3:30) What is the rationale locals are using for destroying the mangroves?

10. (4:15) Compare the value of the undisturbed mangrove to that of the shrimp farming?

11. What problem was NYC having?

12. (4:50) How much would a water treatment facility cost?

13. (6:30) What is meant by aesthetic and ethical benefit?

14. (6:00) The narrator provides a very concrete example of the value of indirect ecosystem services with the issue of clean water in NYC. How did the people benefit from using ecosystem services rather than developing water treatment facilities?