

Environmental Systems and Societies Ecological Footprint Lesson

Complete this assignment on another sheet of paper, or in a word processing program to be submitted to the instructor digitally.

I. Use the websites listed here to help you answer the following questions:

<http://www.footprintnetwork.org/en/index.php/GFN/>

<http://www.footprintcalculator.com/>



1. How would you define the term *ecological footprint*?
2. What factors are used to determine the ecological footprint for an individual or country?
3. What are some variations of the model used to determine the ecological footprint?
4. How is a *Carbon Footprint* calculated for an individual or country?
5. What is the range between the countries with the *smallest* footprint and the *largest* footprint?
6. What is *Earth Overshoot Day*?

II. Footprint Calculators

Try out the footprint calculators at the following websites. Create a chart to evaluate each calculator.

Suggested categories for evaluation:

Criteria (. . . used to calculate footprint)
Likes
Dislikes
My Score

<http://www.footprintnetwork.org/en/index.php/GFN/page/calculators/>

<http://myfootprint.org/>

<http://footprint.wwf.org.uk/>

http://www.conservation.org/act/live_green/Pages/ecofootprint.aspx

http://www.ecologyfund.com/ecology/res_bestfoot.html

III. How To Reduce My Ecological Footprint

Using your favorite footprint calculator, change your responses to determine which factor has the greatest impact on reducing your score. Suggest an explanation for the results.