

EEB 180 Fall 2008 Class Requirements

Each student will make a class presentation on one of the assigned topics (usually in cooperation with other students). The topics are assigned during the first week of class. The class size is limited to students with assigned topics (there maybe more students wishing to enroll than can be accommodated, thus the class is essentially “impacted” and dropping the course after accepting a topic is not fair to students that were denied enrollment).

In preparing your presentation the topic should be viewed in a large context including economic, cultural, religious and public policy implications of the topic as well as the scientific principles that impact it. You need to coordinate your class presentation with the other students presenting the topic you have been assigned. Our major theme is to estimate the “carrying capacity” of the Earth (the maximum human population size that the Earth can support indefinitely). In preparing your presentation you should keep in mind how the topic you are treating relates to the Earth’s “carrying capacity”.

You need to evaluate the presentation of the previous week (unless you were the presenter). Write several sentences (2-5) on the main points presented and give your evaluation on a scale of 1-7 (1 = poor, 2 = OK, 3 = interesting, but not new, 4 = good, but could be better, 5 = good with new material, 6 = very good and good discussion, 7 = excellent, hard to improve on). The evaluations are confidential (only the class average will be used).

Each week that you are not making a presentation you will read the assigned papers in the folder for that week topic (additional readings are found in a folder along with the assigned readings). You also need to write a one page critique of the papers with emphasis on how this topic impact the “carrying capacity” of the Earth and limited to a page. At the **top** of your paper give your current estimate of the Earth’s “carrying capacity” along with a sentence or two explaining the basis of your current estimate. These write-ups and the evaluations of the previous week’s presentation are due prior to class and should be submitted by e-mail (cbrunk@ucla.edu).

OBEE 180, Topics
Fall 2008 Friday 10-12 LeKretz 120
Dr. Brunk
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Topics

26 Sept.	01 - Organization and Overview
3 Oct.	02 - Human Population
10 Oct.	03 - Fisheries Crisis
17 Oct.	04 - Available Fresh Water
24 Oct	05 - Energy Resources
31 Oct.	06 - Food Supply
7 Nov.	07 - Global Climate Change
14 Nov. .	08 - Disease Vectors
21 Nov. .	09 - Tragedy of the Commons”
28 Nov.	“Thanksgiving
5 Dec.	10 - Where from Here?