CEE 179S/279S—Seminar: Issues in Environmental Engineering, Science and Sustainability

Weekly seminars from leading faculty and researchers covering a broad range of important issues of the day.

**Meets:** Wednesdays, 4:15 PM to 5:30 PM, plus a discussion hour with time and place to be determined.
**Instructor:** Sandy Robertson, Y2E2 Room 145, sandrob@stanford.edu

**Course Requirements:** For 1 unit—Attend 6 of the seminars. Write a 1 page critique for each of 2 of the seminars and, for 2 other seminars participate in the discussion section about the seminar.

For 2 units—complete 1 unit requirements; give a 20 minute presentation on an environmental or sustainability topic of the student’s choosing.

**Critiques:** Roughly 1 page, single spaced. Critiques may include a review of what was covered in the talk (and associated readings—one or more of the articles associated with the talk, see below)), but the primary focus should be on your thoughts on, and reactions to, what was presented, what you read. Topics you might cover include:

a. Were your beliefs/understandings confirmed/contradicted?
b. Were the arguments, figures, tables, etc. well constructed, convincing?
c. Did the talk and paper complement each other; were the viewpoints contradictory?

Critiques are due on the Monday following the talk covered in the critique. Students may give Dr. Robertson a hard copy or email him an electronic version.

**Discussion sections**—There will be a 1 hour discussion section each week on the week’s seminar. The time and place for the discussions will be determined at the first meeting of the class

**Presentation:** Student identifies a sustainability/environmental topic of interest; builds an understanding of the topic, and, during the last week of classes, gives a 20 minute presentation, to the class, on what (s)he has learned. The student will discuss the proposed topic with Dr Robertson by July 16th. The presentations will be held during the last week of classes

**Readings:** There will be one or more readings listed for each seminar. You should read at least one of the readings each week. Doing your reading before the seminar is strongly encouraged. For many of the readings you will be given a URL where you can go to access the reading. For others go to Coursework and download them from the appropriate folder.