

Environmental Chemistry Final Project Assignment

Each of you will be giving a lecture during one of our class meetings towards the end of the semester. You have five main tasks:

1. Choose and Claim a Date. Here are the available dates for student lectures:

Nov 17	In Class	Student Lecture 1 + Discussion
	Work Due	Written Response 8
Nov 19	In Class	Student Lecture 2 + Discussion
	Work Due	Written Response 9
Nov 24	In Class	Student Lecture 3 + Discussion
	Work Due	Written Response 10
Nov 26	Thanksgiving: No Class	
Dec 1	In Class	Student Lecture 4 + Discussion
	Work Due	Written Response 11
Dec 3	In Class	Student Lecture 5 + Discussion
	Work Due	Written Response 12
Dec 8	In Class	Student Lecture 6 + Discussion
	Work Due	Written Response 13

E-mail me as soon as possible with the date you prefer. It will be first-come, first-served!

2. Choose and Claim a Topic. It must be something covered both in Baird and Cann (BC) and in Spiro, Purvis-Roberts, and Stigliani (SPS). (Remember that I have put two copies of SPS on reserve in the DeWitt Wallace Library). The topic can be either an aspect of atmospheric chemistry I have not covered (*e.g.* CFC replacements or global warming), or anything pertaining to soil or water chemistry. Each of you must choose a different topic. To claim a particular topic, e-mail me as soon as possible. That way, if someone “beats you” to a topic, you can find out in plenty of time to pick another topic. You should choose a pretty specific and narrow topic, since you will have no more than one hour to give a presentation on it.
3. Submit a Final Project Proposal. Type up a brief statement that includes (a) what pages of BC and SPS cover the topic; (b) a short outline of what you plan to cover; (c) any questions you may have about how to best present your topic. **This is due by Tuesday, October 27** (at the start of class).
4. Give the Lecture. Let me emphasize that this will be a lecture like the ones I give in class. You may not have the majority of your material in a PowerPoint presentation!

Focus on developing concepts and working out calculations on the white board. You may use PowerPoint to show figures, tables, and animations, but you are not required to do so. (I encourage you not to follow my bad example by printing out lots of plastic overhead transparencies! But you are free to do so if you wish.) You may prepare a handout, but you are not required to do so. **Your lecture should run between 45 to 60 minutes.** The rest of us will have read what you have assigned out of BC and SPS, and will ask you questions and make comments after your presentation.

5. Submit Teaching Materials. You will hand in a final version of your teaching materials that take into account questions and feedback from your classmates and me. Your lecture notes may be neatly written up or typed. The same applies to handouts. You may either e-mail me a PowerPoint file (if you used one) or turn in printouts of your slides. E-mail me links to any web sites you used. **This is due by Monday, December 21, the last day of finals.**