Extended Essay Assignment

- **Focus:** Organize information from literature sources into a balanced argument.

- **Choice of 2 topics:**
  1. *Volcanos and Biogeochemistry*  
     (e.g., Icelandic eruptions, other historic eruptions, impact on oceanic or terrestrial biogeochemistry)
  2. *Speculation versus data: Revisiting controversial environmental impact events*  
     (e.g., the Macondo oil spill in the Gulf of Mexico; the effect of fracking on groundwater quality)

Assignment Details

- **Required length:** Minimum 3, maximum 5 pp.
- **Minimum of 2 sources, at least 1 from the peer-reviewed scientific literature (beware web sources!)**
- **Peer review of 1st draft, in class**  
  - Reviewed according to rubric  
  - Adhere to citation format (see handout)
- **Create a revision plan, and a response to peer reviewer comments, both to be turned in with final, revised essay.**
Assignment Dates

9/16/14 (Tu): Extended essay assigned
9/23/14 (Tu): 1st drafts due, beginning of class, peer reviewers assigned
9/30/14 (Tu): In class peer review, draft revision plans in class
10/7/14 (Tu): Final draft extended essay due, plus revision plan, response to reviewer, peer review rubric and grading sheet

Topic Assignment: Luck of the Draw!

1. Volcanos and Biogeochemistry
   (e.g., Icelandic eruptions, other historic eruptions, impact on oceanic or terrestrial biogeochemistry)

2. Speculation versus data: Revisiting controversial environmental impact events
   (e.g., the Macondo oil spill in the Gulf of Mexico; the effect of fracking on groundwater quality)