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Geoprofiles

(I gave this as a homework assignment for GEL/ESC 1300, Introduction to Earth Sciences which I taught at Eastern Illinois University during the Spring 2007semester)

GEOPROFILES

While we were discussing volcanoes and igneous petrology, you heard me rambling on a few times about my research studying past volcanism and how magma forms/is modified. Well, there are more geologists out in the world than just volcanologists/petrologists (like me). Going through our textbook, you may have noticed a number of 1-2 page summaries called **Geoprofiles**. These are summaries that describe different types of work geologists/earth scientists perform, why they chose to become one, and what they like about geology/earth science. These also help demonstrate why geology is such an important science in our day-to-day lives and provide a glimpse into the types of careers that are possible as a geologist/earth scientist.

Assignment (DUE 3/27/07):

So, here's the assignment. I want you to scan the Geoprofiles (read them!) and pick out one that interests you more than the rest. Then do the following:

- 1) Read the article again.
- 2) Write a summary that summarizes what the article was about. This should include and address the following:
 - a. What does the geoscientist in the Geoprofile you picked do for a living?
 - b. Why do they like it?
 - c. What do you think is most interesting about their work (e.g. Why did you pick this summary over the others?)?
 - d. What do you think would be the most challenging aspect of their work?
 - e. So, do you want to be a geologist? (if so, also come talk to me!)

Format Requirements:

These summaries should be between 1 to 2 pages long and use at least 1.5 line spacing (no double spacing). Page margins should be 1" (all around). I will be grading these on the following criteria:

- 1) Did you address points **a, b, c, d, & e** above?
- 2) Spelling, grammar, writing quality. So, this means you should use your spell-checker and proof-read your final summary!!!

Geoprofile list:

- 1) Geology & public policy (p. 10)
- 2) Sculpture out of stone (p. 54)
- 3) Exploring for oil and natural gas (p. 175; lots of jobs in the oil business now, geologists with an M.S. start at about \$60-80,000 too!)
- 4) Geology in Hollywood (p. 228)
- 5) Listening to the Earth (p. 244)
- 6) Secrets beneath the sea (p. 316)
- 7) Applied hydrogeology: understanding water as an agent of mass wasting (p. 408)
- 8) Controlling dust storms through revegetation (p. 551)