

Do one of the following assignments below, if you don't go on the northern NJ field trip on Saturday, April 12, 2003.

Do one or both of the following assignments below for EXTRA CREDIT toward your final grade (2.5 percentage points each). **Due date: at the Final Exam, May 5, 2003.**

**1) TERM PAPER- on any geoscience topic that interests you**

- Basic Information: **(Keep it short and concise)**  
Length: 4-6 pages (additional pages for figures, tables, and references is OK!).  
Must be 1.5 spaced; double-spaced is preferred.  
Use 12 point font.  
Tables and figures (if any) can be placed within the body of the paper or all together at the end after the reference cited section.
- Paper **must** contain the following sections, in order:
  1. TITLE
  2. INTRODUCTION
  3. MAIN BODY
  4. CONCLUSION (or a Concluding Summary)
  5. REFERENCES CITED
- Sources of Information  
Sprague Library - a nice collection of books on various geology topics.  
Your (or any) textbook: Physical Geology - this is a good start.  
The Internet

**2) HALL OF PLANET EARTH, AMERICAN MUSEUM OF NATURAL HISTORY**

- Go to the Rose Center for Earth and Space Sciences in the American Museum of Natural History in Manhattan (Central Park West and 79<sup>th</sup> Street, Manhattan).
- Once in the Rose Center, go to the Gottesman Hall of Planet Earth and carefully examine the display. You will notice that this is basically a Physical Geology class on display!!
- There are five (5) "zones" or scientific questions in the Hall of Planet Earth.
  - Zone 1: How has the Earth Evolved?
  - Zone 2: Why are there ocean basins, continents, and mountains?
  - Zone 3: How do we read the rocks?
  - Zone 4: What Causes Climate and Climate Change?
  - Zone 5: Why is Earth habitable?

**For each zone**, do the following:

- 1) Summarize the main focus of each zone
- 2) Describe in a paragraph, **ONE** of the display features in each zone. Your description should focus on how that display ties into the main theme of the zone and what kind of scientific evidence or information that display is portraying.