Lab 4 — *Day after Tomorrow*
GEO 302C
Week of February 20, 2006

Goals:

1. Did you show up? Congrats! You get a score of 100 for Quiz 4!

2. Review Exam 1

3. Analyze the representation of climate and weather processes in the *Day after Tomorrow*
Lab 4 Homework  
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1. (4 points) If all continental ice sheets melted, by approximately how much would the global mean sea level rise?

2. (6 points each) Give two reasons why studying past climate is a good idea
   a. 
   b. 

3. (6 points each) List four types of climate proxy data.
   a. 
   b. 
   c. 
   d. 

4. (5 points process; 5 points explanation) List two weather- or climate-related processes that *Day After Tomorrow* gets right. Give a one- or two-sentence explanation of WHY each process is right.
   a. 
   b. 

5. (5 points process; 5 points explanation) List four weather- or climate-related processes that DAT gets wrong. Give a one- or two-sentence explanation of WHY each process is incorrectly portrayed.
   a. 