

Geology 334, Sedimentology and Stratigraphy

Guidelines for Alternate Report

Due Date: Thursday November 10, 2011

For anyone who could not attend the field trip, sorry we missed you! To make up this part of the course, you can write a short research report on a topic of your choice in the general area of sedimentology and/or stratigraphy. I suggest you pick a topic that is interesting to you, something that you want to know more about. You can investigate basically anything related to sedimentation or stratigraphy. For example, you might want to learn more about debris flows or sand dunes, different kinds of coral reef communities, Archean stromatolites, volcanic controls on sedimentation, geologic history of the Grand Canyon, pretty much anything as long as it is related to the broad field of sedimentology and stratigraphy.

Be sure to get approval of your topic from me before getting very far into it.

I expect people writing this report to invest about the same amount of time as people who went on the field trip, roughly 1.5-2 days. First investigate your subject and take notes. You may get information from the web, the library, and/or magazine or newspaper articles. I encourage you to use the library. You need to fully and accurately cite all sources of information, and include a complete bibliography at the end. It is critical that you do this correctly. Do not copy material verbatim from your sources. If you choose to use direct quotes, please do so *sparingly*. Direct quotes require citation of both the source *and* page number(s).

Your report should be roughly 3-5 pages long, double spaced (not including figures and references). Good content and high quality are more important than exact length. Figures are necessary for communicating concepts in geology. Be sure to cite the source of all figures, and make sure that those sources are included in the References Cited section.

Your report needs to be well written and organized. Start with a Title and Introduction, and go from there. Please use headings and subheadings to help organize the content. Conclusions are nice but not required. The report must be written in complete, well-structured sentences and well-organized paragraphs.

Feel free to ask me about this any time.