

Geology 1002.1 **Project 4**

Go to the Internet or the library and find at least **three, approved** articles/books/websites on your assigned volcanic eruption. An approved reference is refereed. A professional organization (U.S. Geological Survey), university (LSU), or journal (Science) has had independent experts review and approve the publication. Wikipedia is NOT an approved source as anybody can contribute anything to that website. If you are not sure of your sources, check with the instructor.

Crater Lake, Oregon (Hebert, Mounger, Gupta, Wilson)
Santorini, Greece (Edwards, Chevallier, Kornuta, Albright)
Vesuvius, Italy (Viola, Jackson, Truitt, Placer)
Krakatoa, Indonesia (Trantham, Guillotte, Olivier, Scoggin)

Your final report should be 3 to 5 pages in length using Times New Roman 12-point font, double spaced. Your name, course number, my name, and the date should be included in your heading. All essays should be titled. All images used in your paper must be accompanied by a photo caption explaining what the image is and a reference to the source of that image. You must provide a formatted list of all sources you used for this assignment on an individual page at the end of your essay.

Follow the guidelines below for format and content requirements:

1) Introduction

- Description/diagram of the plate tectonic environment in which the volcano formed. Also, discuss/describe another area on Earth where a similar plate tectonic environment exists.
- A map showing the location of the volcano.
- Summary of earlier volcanic eruptions in the region.

2) Main Body

- List of the events leading up to the major or most recent eruption(s).
- A photo/drawing showing the volcano during the eruption.
- A summary of the eruption including: date and time, cause(s) of the eruption, sequence of events/hazards, area affected, fatalities, property damage, and type(s) of material (e.g., basaltic lava, ash) erupted.

3) Discussion

- Summary of how the region has recovered since the eruption.
- Describe current/recent activity. What is the likelihood that this activity will develop into a major eruption?

4) References

- A list of the web sites, books or articles used in your report/summary. You can follow any of the accepted professional citation guidelines (MLA, APA, Chicago Manual, CBE), but you must be consistent. Here is a good web site that will help you format your citations: <http://www.bedfordstmartins.com/online/citex.html>

Due: 11/13/07

Geology 1002.1
Project 5
PowerPoint Presentation on Volcanoes

You have been assigned to a group of 3-4 students. Your task for this assignment is for your group to create a Self-Contained PowerPoint presentation from your individual Volcano Project reports (Project 4). The same factual information should be transferred via photos, illustrations, graphs and charts, text, video, and audio into an 8-10 minute presentation, which should run in a continuous loop on a laptop computer. The presentation should be geared to a middle school audience.

Presentations will be evaluated on:

- Content (accurate, complete, and relevant) – 35%
- Layout/Organization – 15%
- Good Use of Visuals – 15%
- Good Use of Text/Voice – 10%
- Documentation of Sources – 10%
- Pacing – 5%
- Honors Time Limit – 5%
- Engages Audience – 5%

Rules of Thumb for Effective Use of PowerPoint™

- Observe the “five by five” rule (no more than five lines; no more than five words per line)
- Slides are “wallpaper.” They should offer visual support of the ideas, but should not distract the listener.
- A 10-minute presentation typically consists of five slides in addition to an introductory slide and conclusion slide. Names should be on the introductory slide.
- Choose color/theme/clipart that is consistent and supportive of the theme. When using clipart, use the same artist’s work for consistency.
- Animation and sound should not distract from the message.
- When presenting, you should not read the slides or turn your back to the audience.
- People who are color blind cannot see red fonts, so that color should be avoided.
- An exception to these rules is a visual slide show intended solely to show images.

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