Volcano Presentation
GEOLOGY 3041 (Darrell Henry)

Fall 2008

Presentations during lab period on Sept. 15 and 17, 2008

If you have looked on the web for any time you probably notice that some of the information is very useful and sometimes trivial, and too often, wrong. This assignment tests your judgment on assessing information from the web (and other sources) and offers you experience in giving a concise presentation to your classmates.

You are assigned one of the volcanoes listed below, and on Sept. 15 or 17 (in lab) will give a 5 minute class presentation on your volcano with 1-2 minutes of questions and answers following the presentation. All presentations will be PowerPoint presentations – this style of presentation software has become the standard in the geologic profession. The presentation should include the following information on your volcano:

- Where is the volcano geographically? Use a map or whatever you think appropriate.
- Why is the volcano at that geographic location; i.e. what is the tectonic reason for having a volcano there? You may want to use resources in addition to the web.
- What kind of volcanic rock types are associated with this volcano?
- What is the current volcanic activity?
- What are the potential dangers for the surrounding populations?
- Add any other information you think is relevant or important to the above referenced requirements.

Remember to give concise professional presentations - you only have 5-7 minutes. Make sure to load the PowerPoint presentation in advance of the presentation time. Give the PowerPoint presentation to the TA on a memory stick, and make sure that it is loaded and working properly well in advance of the presentation session. Many of the computers on campus are not loaded with the latest version of PowerPoint. If you create your presentation in the 2007 version of PowerPoint, be sure to save it so that it is compatible with the 2003 version. To do this click on the “office button” in the top right corner; select “save as”; from the drop down next to the “save as” select “PowerPoint 97-2003 Presentation.” As an incentive - failure to have a working presentation that is loaded in advance will result in a deduction of 5% for the possible 100% score for the presentation.

There are number of things you should keep in mind when creating a PowerPoint presentation. Here are some tips:

- Create a cohesive design template that you use consistently on all of your slides.
- Include a title slide with your presentation’s title and your name.
- Include a closing slide with properly formatted citations.
- Avoid garish and bright color schemes that are hard on the viewer.
- Use light-colored fonts on dark backgrounds or dark colored fonts on light backgrounds for easy reading.
- Keep the text you include short and precise.
• Do not read your slides to the class.
• Use images to reinforce the information you are sharing with the class.
• Include captions and credits with all images.
• Speak clearly and directly to your audience.
• Practice your presentation for timing, pronunciation, and clarity.

Everyone will be expected to critique their fellow students using the attached evaluation form. Your participation in the evaluation process will be included in any grade that you receive for this project. The written evaluation of each talk will be presented to the speaker in an anonymous form.

**List of Assigned Volcanoes:**

- **Anderson, Callie**: Veniaminof, Alaska Peninsula, USA
- **Anderson, Erin**: Batu Tara, Komba Island, Indonesia
- **Bergeron, Philip**: Bezymianny, Kamchatka, Russia
- **Buchler, Shane**: Colima, Mexico
- **Cauley, Carter**: Fuego, Guatemala
- **Dalman, Nicholas**: Kilauea, Hawaii, USA
- **Donnelly, Brendan**: Krakatau, Indonesia
- **Felix, Ana**: Chaiten, Chile
- **Hart, Eric**: Mount St. Helens, Washington, USA
- **Jensen-Doescher, Katy**: Rabaul, Papua New Guinea
- **Killingsworth, Bryan**: Ol Doinyo Lengai, Tanzania
- **Marionneaux, Shane**: Geleras, Columbia
- **Massengale, Michael**: Popocatépetl, Mexico
- **McAlister, Patrick**: Sakura-Jima, Japan
- **Meyer, Eric**: Santa Maria, Guatemala
- **O’Brien, Michael**: Shiveluch, Russia
- **Paterson, Audrey**: Soufrière Hills, Montserrat, West Indies
- **Ropp, John**: Tungurahua, Ecuador
- **Salathe, Lauren**: Ubinas, Peru
- **Savage, Ann**: Long Valley Caldera and Mono-Inyo Craters Volcanic Field, California, USA
- **Spizale, Ashley**: Mt. Jefferson, Oregon, USA
- **Tipple, Scott**: Yellowstone, Wyoming, USA
- **Vincent, Cody**: Gran Canaria, Canary Islands
- **Wilkinson, David**: Erta Ale, Ethiopia
Evaluate each speaker on a separate evaluation form. Remember, that your participation in the evaluation of your fellow students is important, and will be considered part of your score for this exercise. Each speaker will have these evaluation forms returned to them, without your name or hand-written comments to retain anonymity. The hand written comments are particularly useful to the speakers, and will be retyped and distributed.

The final score will be assigned using the following scoring rubric: Dr. Henry evaluation: 50%, student evaluations: 50%, participation in evaluation: 5% (bonus).

*This evaluation form is a modification of that used at the American Geophysical Union meeting.*

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Student presenter_______________________________________________________________

**Presentation (50 points possible)**

- Visual Aids, legibility and clarity (0-15)
- Effective use of allotted time (0-10)
- Diction (enunciation, volume, clarity) (0-10)
- General style, liveliness, stage presence (0-10)
- Appropriateness of dress for a professional presentation (0-5)

**Content (50 points possible)**

- Organization and logic (0-20)
- Relevance of data to conclusions (0-10)
- Comprehension and knowledge of field (0-10)
- Significance and originality (0-10)

**Total**

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**Written comments** (including other special considerations that should be taken into account):