

## **ADOPT A VOLCANO**

### **(a 3-part project)**

Choose an active volcano to follow throughout the length of the class from the Weekly Volcanic Activity Report of the Global Volcanism Program, which is run by the Smithsonian Institute and available at <http://www.volcano.si.edu/reports/usgs/> [note: you can sign up to receive the weekly report by RSS or email]. The Global Volcanism website will give you the basic 'Cliffs Notes' on current understanding of your adopted volcano's eruption history and style. Also, I recommend that you search the *Journal of Volcanology and Geothermal Research* (available online through Josiah), as it has both very up-to-date research as well as a very eclectic and interdisciplinary breadth.

For this project and the class overall, 'The Volcanism Blog' can also provide useful or interesting information: <http://volcanism.wordpress.com/>. Images of erupting volcanoes can be found at the Photovolcanica site at <http://www.photovolcanica.com/PhotovolcanicaFullIndex.html>. Numerous other sites (such as the Ecuador Field Guide <http://www.ecuadorvolcanofieldguide.com/>) may also be useful. What are the specific hazards to communities who live in the vicinity to the volcano? Is ecotourism present in the area and if so is the volcano incorporated? Is the volcano used to promote products or incorporated into songs, poetry, etc? Are there archaeological projects ongoing in the area now or in the past? If so, how do archaeologists interpret the volcano's role? If there is no archaeological work conducted now or in the past, why do you think that the case?

Please answer the following questions about 'your' volcano:

*How would you define the personality in 1-3 words?*

*Why did you choose the words you did in your prior answer? (answer in whatever length you need).*

*What are the narratives told about your volcano?*

*What kinds of things has your volcano done? What is done to your volcano?*

- ❖ PART I: For your first oral presentation, answer these questions from a physical science vantage.
- ❖ PART II: For your second oral presentation, answer these same questions from a social vantage.
- ❖ PART III: Provide a final oral presentation of your volcano, highlighting any changes that have occurred since your earlier oral presentations (either in your own perception or knowledge of the volcano or its own activity). Provide a written 'dossier' (in essay form) of your adopted volcano, and include your favorite images of the volcano and describe why you chose them.