ES407 Seminar Presentation Assignments Week of April 18th

Read the assigned papers below, prepare ~10-15 slide summary in powerpoint, prepare for a 10 to 15 minute summary of the paper for the group. Generally plan on 1-minute discussion per slide.

Presentation 1: Dan

Wood, C.A., 1980b, Morphometric analysis of cinder cone degradation: Journal of Volcanology and Geothermal Research, v. 8, p. 137-160.

Presentation 2: Rick

Dohrenwend, J.C., Wells, S.G., and Turrin, B.D., 1986, Degradation of Quaternary cinder cones in the Cima volcanic field, Mojave Desert, California: Geological Society of America Bulletin, v.97, p. 421-427.

Presentation 3: Bill

Norini, G., et al., 2004, Morphological analysis of Nevado de Toluca volcano (Mexico): new insights into the structure and evolution of an andesitic to dacitic stratovolcano: Geomorphology, v. 62, p. 47-61.

Presentation 4: Kelsii

Valentine, G.A., Perry, F.V., Krier, D., Keating, G.N., Kelley, R.E., and Cogbill, A.H., 2006, Small-volume bastaltic volcanoes: Eruptive products and processes, and posteruptive geomorphic evolution in Crater Flat (Pleistocene), southern Nevada: Geological Society of America Bulletin, v. 188, p. 1313-1330.

Presentation 5: Jody

Strong, M., and Wolff, J., 2003, Compositional variations within scoria cones: Geology, v. 31, p. 143-146.

ES407 Seminar Presentation Assignments Week of April 25th

Presentation 1: Jody

Valentine, G.A., Krier, D.J., Perry, F.V., and Heiken, G., 2007, Eruptive and geomorphic processes at the Lathrop Wells scoria cone volcano: Journal of Volcanology and Geothermal Research, v. 161, p. 57-80.

Presentation 2: Rick

Settle, M., 1979, The structure and emplacement of cinder cone fields: American Journal of Science, v. 279, p. 1089-1107.

Presentation 3: Dan

Nakamura, K., 1977, Volcanoes as possible indicators of tectonic stress orientation – Principles and proposal: Journal of Volcanology and Geothermal Research, v. 2, p. 1-16.

Presentation 4: Kelsii

Lutz, T.M., 1986, An analysis of the orientations of large-scale crustal structures: a statistical approach based on areal distributions of pointlike features: Journal of Geophysical Research, vol. 91, no. B1, p. 421-434.

Presentation 5: Bill
Zhang, D. and Lutz, T., 1989, Structural control of igneous complexes and kimberlites: a new statistical methoc: Tectonophysics, v. 159, p. 137-148.

ES407 Seminary Presentation Assignments Week of May 2

Group tag-team presentation of Meigs et al., 2009, Tectonic and magmatic development of the High Lava Plains and Basin and Range, Oregon. Round robin tournament presentations:

Presentation 1: Kelsii
Geologic Setting – crust and volcanism (p. 436-438)

Presentation 2: Bill
Active Tectonics of Basin and Range (p. 438-441)

Presentation 3: Jody
Regional Structure (p. 441-442)

Presentation 4: Rick and Dan
Basin and Range – Newberry Transition (p. 442-449)

Presentation 5: Kelsii and Jody
Pre-Basin and Range Magmatism (p. 449-456)

Presentation 6: Bill
Rattlesnake Tuff (p. 456-458)

Presentation 7: Dan
Brothers Fault Zone (p. 458-460)

Presentation 8: Rick
Harney Basin (p. 461-466)