

## BIOGRAPHICAL SKETCHES

### DAISY WHEELER

Volcan, Inc., U.S.A.

Tel: 707-364-5849 Fax: 866-283-8253 Email: daisy.wheeler@volcan.org

### EDUCATION

B.S., Geology Sonoma State University 2004  
University of Hawai'i at Hilo  
M.S., Social Science and Natural Hazards, University of Eastern Tennessee In Progress

### RESEARCH AND PROFESSIONAL EXPERIENCE

#### Employment

Volcanologist and Hazard Perceptions Specialist, Volcan, Inc., Anchorage, Alaska, USA 05/06 – present  
Staff Geologist, Miller Pacific Engineering, Novato, California, USA 09/04 – 04/07  
Field Assistant, USGS, Commonwealth of the Northern Mariana Islands 05/06 – 06/06  
M.S. Thesis Research, Commonwealth of the Northern Mariana Islands 05/06 – 06/06  
Teaching Assistant, Sonoma State University, Geology Department 10/99 – 05/05  
Intern, USGS Hawaii Volcano Observatory, Volcano, Hawaii, USA 05/04 – 09/04  
Intern, Center for the Study of Active Volcanoes/USGS, Hawaii, USA 05/03 – 09/03  
Field Assistant, Center for Study of Active Volcanoes, University of Hawaii, USA 05/01 – 09/01

#### Tasks and positions of last five years:

2006-present Founding Board Member, Volcanologist and Hazard Perceptions Specialist of Volcan, Inc., a non-profit corporation working in indigenous communities to help reduce risk from threat of volcanic hazards.  
2007 M.S. student: Research on public perceptions of natural hazards.  
2004-2007 Staff Geologist: Mapping and geologic report writing, drafting, subsurface exploration.  
2006 Field Assistant for USGS in Mariana Islands and Saipan: Organised and conducted bathymetric surveys and core sampling of remote inner island lakes on Pagan Island, developed method and performed core sampling of recent ash deposits on Anatahan volcano, collected charcoal samples for carbon dating lava flows, assisted in field mapping and sample collection.  
2004 Internship: Developed and conducted a gravity survey on Mauna Loa volcano, mapped explosive debris fans at Mauna Loa summit.  
2003 Internship: Assisted in GPS surveys on Hualalai volcano and at Mauna Loa caldera, GIS training.  
2003 Volunteer at Cities on Volcanoes Conference in Hawaii; assistant for Mauna Loa geology field trip.

### COLLABORATORS

**Chong, R.:** EMO Saipan (Perceptions of Natural Hazards in Saipan), **Gregg, C.:** University of Eastern Tennessee (Social Science in natural hazards publication in progress: Public Perceptions of Natural Hazards in the Northern Mariana Islands), **Koyanagi, B.:** USGS Hawaiian Volcano Observatory (Training in seismology and portable seismic instrumentation, Kilauea volcano), **Kauahikaua, J.:** USGS Hawaiian Volcano Observatory (Gravity Mapping in the Ninole Hills, Hawaii), **Lockwood, J.:** USGS Hawaiian Volcano Observatory (Charcoal collection on Mauna Loa Volcano, cinder cone morphology research), **McGimsey, G.:** USGS, Alaska Volcano Observatory (Field mapping on Pagan volcano), **Phillips, D.:** University of Hawaii (Training in GPS surveys on Kilauea volcano), **Sako, M.:** USGS Hawaiian Volcano Observatory (GPS surveys at Hualalai volcano), **Trusdell, F.:** USGS Hawaiian Volcano Observatory (Mapping and core sampling at Pagan and Anatahan volcanoes, social science research in Saipan, gravity survey and mapping on Mauna Loa volcano, GIS training), **Thomas, D.:** Center for the Study of Active Volcanoes (Field training in Gas Geochemistry of volcanoes).

**Undergraduate Advisor:** Dr. Walt Vennum, Sonoma State University, Rohnert Park, California

**USGS Internship Mentor:** Frank Trusdell, USGS Hawaiian Volcano Observatory, Volcano, Hawaii

**Graduate Advisor:** Dr. Chris Gregg, University of Eastern Tennessee, Johnson City, Tennessee