Experience the wonders of active volcanism on the Earth’s most accessible and active volcano - Kilauea on the Big Island of Hawaii!

This nine-day field trip on the Big Island of Hawaii will introduce you in the field to plate tectonics, hot spot volcanism and the geologic features and hazards associated with living on an active volcano. We will discuss volcanic edifices, eruption styles, magma evolution and see various types of lava flows, lava lakes, tree molds and lava trees, fault scarps, rifts, craters and calderas.

We will use our observations and newfound knowledge to discuss methods on how to effectively communicate geologic concepts. We will model inquiry in the field.

US$1275

Prince does not include airfares to/from Hilo, HI.
Trip ITINERARY*

Day 1- fly into Hilo airport before 5.30 pm. Meet group in airport and be transported to Ken's House of Pancakes (Hilo institution) for dinner at your expense. Drive to accommodation in Volcano (45 mins).

Day 2- Introduction to Plate Tectonics and Hawaii. Field experiences: Mauna Loa vista, Steaming bluffs - Kilauea Visitor Center - Sulfur banks hike, Jaggar Museum, Halema’uma overlook, Devastation trail. 4 miles of hiking on easy trails. (B,D).

Day 3- Introduction to Volcanic landforms. Field experiences: Chain of craters road, pit craters, Pu’u Huluhulu and Mauna Ulu hike. Coastal plain, petroglyphs. 6 miles of hiking on easy trails and 1 mile of hiking off trail. (B,D)

Day 4- Lava types, materials and lava tubes. Field experiences: Thurston Lava Tube (early morning), Puna district lava flows, Kumukahi lighthouse, Hot springs (lunch), Kalapana and Kaimu black sand beach. (Dinner in Hilo - own expense) (B)

Day 5- South Point Day. Discussion at South point. Alternative power and land uses on Hawaii. Hike to Green Sand Beach a breached littoral cone (swim). (Lunch). 4 mile hike on easy trail. (B, D).


Day 7 - Ecosystems and Geology - snorkeling (bring your own gear) and swimming at Ho’okena Beach Park and visit Pu’uhonua o Honaunau National Historic Park. Dinner in Kona at own expense (B).

Day 8 - Living with Hazards in Hawaii. Field experiences: Lapahoehoe Point Park, Akaka Falls, Kaumana caves. (Dinner in Hilo - own expense) (B).

Day 9- Transfer to Hilo for flights home (no flights before 11am please). Time for helicopter flights in afternoon (at own expense)

* Itinerary may change due to weather and other factors.

All Breakfasts and most dinners are provided.

Price

US$1275

US$400 Deposit is required with registration. See the refund policy details.

Trip Details (the fine print)

• Accommodation is in dorm rooms at a military camp. You will be sharing a room with around 8 others and they may be mixed male/female.
• Price does not include flights to and from Hilo, helicopter flights or snorkeling equipment.
• Price includes meals listed in the Trip Itinerary. Included meals will be at the military camp.
• Be aware that this trip involves some hiking (as noted in the Trip Plan) you should be moderately fit and have no medical condition that precludes you from participating. Be aware that at times we will be in areas with high sulfur content which can trigger asthmatic and other responses.
• We will be staying on an active volcano and we will always attempt to provide you the very best opportunities to view volcanic processes on this trip. However, we heed all warnings provided by the local authorities and do not venture out onto active lava flows unless with a guide.

Got questions? Email trip leader Gary Lewis on glewis@geosociety.org

www.geoventures.org