GEOetc's Gary Lewis leads....

Discover Volcanism - Hawaii

11-19 February 2017

Join an enthusiastic group of geology enthusiasts and discover the wonders of the active volcanoes of Hawaii.

This nine-day (8 night) field trip on the Big Island of Hawaii will expand your knowledge in the field of 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 new-found knowledge to discuss methods on how to effectively communicate geologic concepts. We will hone field mapping skills in volcanic environments. We will map lavaflows, lava tubes and more.

GEOetc
Geoscience Education & Outreach

Trip cost US$1,585

Price does not include airfares to/from Hilo, HI.

Members of the Geological Society of Australia receive a US$75 discount.

Trip ITINERARY*

Saturday, Feb 11 – *Participants arrive in Hilo (before 4.00 pm), Hawaii for transfer via van to accommodation. Welcome Dinner in Hilo at Ken's House of Pancakes (at own expense).*

Sunday, Feb 12 – *Kilauea Visitor Center, Steaming Bluffs, Sulphur Banks, Kilauea Overlook, Jaggar Museum, Devastation Trail Activity, Lua Manu Crater Activity and short hike ~ 4 miles of hiking on easy trails. (Dinner provided - Volcano Winery)*

Monday, Feb 13– *Pauahi Crater and others, Mauna Ulu trail to Pu'u Huluhulu, Mapping Activity, Kealakomo Overlook, Alanui Kahiko, P'u Loa Petro- glyphs (optional), Holei Sea Arch, end of Chain of Craters Road. 6 – 7 miles of hiking on easy trails. (Dinner in Hilo - Own expense on Fast Food Alley)*

Tuesday Feb 14 – *HVO talk. Thurston Lava Tube, Hike the Kilauea Iki Trial from Kilauea Iki Overlook, Kau Desert Trail to Mauna Iki. About 8 miles of easy to moderate trails. (Dinner provided - Thai Thai)*

Wednesday, Feb 15 – *Drive South Point along the Hawaii Belt Road. Discussion at South Point. Hike to the Papak- olea/Mahana Bay green sand beach (lunch, swim). Drive to Pu'ululu Black sand beach for dinner (at own expense from bakery)*

Thursday, Feb 16– *Drive to the Puna District to Lava Tree State Monument, Kumukahi Lighthouse, Ahalanui Hot Spring (lunch, swim), Kalapana, Kaimu black sand beach. Mauna Loa Macadamia Nut Visitor Center (Dinner in Hilo - own expense).*

Friday Feb 17 – *Kona Day. Swimming, snorkeling (bring your own gear) at Ho'okena Beach Park (near Honounau Bay, Pu'uhonua o Honaunau National Historic Park. Drive up Mauna Kea Overlook (Puu Huluhulu) and Mauna Loa Road. Dinner in Kona (own expense)*

Saturday, Feb 18 – *Kohala day - Cinder cone, Waipio Valley overlook. Lapahoehoe Point Park. Akaka Falls. Kaumana Cave mapping activity. (Dinner provided in Hilo - Pestos)*

Sunday, Feb 19 –. *Final day. Exploration of Hilo - Coconut Island, Tsunami clock etc. Trip ends at noon Helicopter flights (if people want them) Trip ends at noon. Participants can depart this morning - shuttle will be provided to airport.*

* *Subject to change due to weather, eruption or other logistical considerations*

US$1,585

US$500 Deposit is required with registration. See the refund policy details.

Members of the Geological Society of Australia receive a US$75 discount so the final trip cost for those members is $1510.

Trip Details (the fine print)

- Price does not include flights to/from Hilo airport.
- Please do not book any flights or make any travel arrangement until the trip and your place on it has been confirmed. We will send you details of arrive and departure dates and time as early as possible.
- Transport is in airconditioned vans. Accommodation is in shared hotel rooms.
- You MUST obtain and provide details of international travel/medical insurance.
- Five dinners are not included, but will be held in restaurants in Hilo and Kona. There will be some options on most nights. Other nights options will be limited. 3 Dinners are included.
- Price does not include helicopter flights and snorkeling equipment.
- Price includes breakfasts. We will expect folks to make their own picnic lunches for each day - we will visit stores to get supplies.
- The trip is open to all. Use of private or hired vehicles by participants during trip is not allowed.
- 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.

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Accommodation

We will be staying in a delightful Hawaiian-owned and operated hotel in Hilo. It has a real family feel and is close walking distance to many landmarks and places to eat. The rooms all have airconditionaing and a refrigerator. Their is a coin-operated laundry, a swimming pool and a museum.

Transportation

We will use 15 seater airconditioned vans to travel around the Big Island. There is plenty of room which provides everyone with a great opportunity to take photos as well as spend time with fellow cachers between stops.

Trip Leader

Gary Lewis specializes in the communication of geological processes to teachers, university students and the general public and the operation of programs that raise the awareness of Earth science at an international level. He is a trained geologist - with an honors degree in Geology from the University of Sydney - and an educator. He has worked in Earth science outreach in Australia and the USA and has run trips to Hawaii, Iceland, Australia and other destinations since the 1980s. He is the author of over 30 Earth science teaching resources. He has been involved in teacher and student trips to Hawaii for over twenty years and is passionate about making visits to Hawaii life-changing for the participants.

What do past participants say.....

"The Hawaii student trip allowed me to see Hawaii in a way that most people never do. This included hiking through lava tubes and across cooled lava lakes, snorkeling with turtles, bathing at the green sand beach, and a helicopter ride over an active volcano. I learned far more about the unique volcanism of Hawaii during this trip than from any text book, and I got to meet lots of cool people. Would absolutely recommend to anyone!"
- Jennifer Prichard, PhD candidate, ANU

"You really just have to see Hawaii in person to grasp the magnitude, devastation and beauty! The experience was greatly enhanced by Gary's knowledge and ability to get you off the tourist trail and adapt the trip to suit the group's interests."
- Clare Connolly, PhD candidate, ANU

A life-changing trip full of incredible moments….watching the night glow of the lava lake, an opening into the depths of the planet, in the Halemaumau Crater; seeing new crustal rocks being formed (from the safety of a tiny, tiny helicopter with no doors!!); running fingers through mantle rock at the olivine sand beach! The wonderful, enthusiastic trip leaders, Gary and Amy, worked tirelessly to ensure we experienced the maximum "Wow!" factor.
- Petra Sorensen

Refund policy – Feb 2017 Trip

Trip payment (including deposit) is fully refundable minus a US$100 administration fee up till COB on October 31, 2016. Cancellations between November 1, 2016 and December 31, 2016 will forfeit deposit (US$500). Full payment is due before December 31, 2016. There are no refunds after January 1, 2017. All participants MUST provide evidence for travel insurance for the trip period when full payment is made.

Want more information or make a reservation?

GEO etc

Contact Gary Lewis on:
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