

## 2016 Volcano Awareness Month

7:00 p.m. ♦ UH-Hilo University Classroom Building (UCB)

[see map next page]

For more information, email [askHVO@usgs.gov](mailto:askHVO@usgs.gov) or call (808) 967-8844.

**Thursday, January 7 ♦ UCB Room 100**

### Kīlauea Volcano's East Rift and summit eruptions: Events of the past year

Kīlauea has been erupting nearly continuously since 1983, when a vent, now called Pu'ū Ō'ō, opened on the volcano's East Rift Zone. Then, in 2008, a second vent opened at the summit



of Kīlauea within Halema'uma'u Crater. Both eruptions continue today. Join **Matt Patrick**, a geologist with the USGS Hawaiian Volcano Observatory, as he briefly describes the history of these two eruptions and

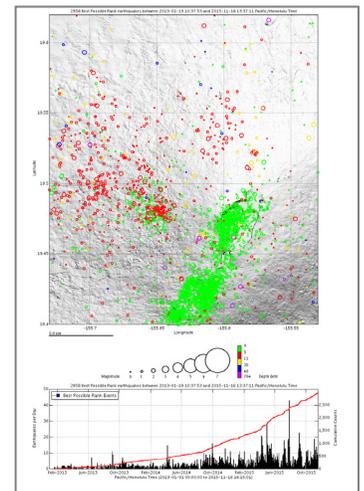
provides in-depth accounts of volcanic activity during the past year, including the ongoing East Rift Zone lava flow that threatened the community of Pāhoā until March 2015 and the overflow of the summit lava lake in April-May 2015. *USGS photos: Pu'ū Ō'ō lava flow in November 2014 (left) and overflow of Halema'uma'u lava lake in May 2015 (right).*

**Thursday, January 28 ♦ UCB Room 127**

### Watching Mauna Loa shake: Experiences with historical and anticipated eruptions

Seismic monitoring at the USGS Hawaiian Volcano Observatory has repeatedly demonstrated the ability to detect and track patterns of earthquake activity that foreshadow eruptions at both Kīlauea and Mauna Loa. Elevated levels of seismicity and ongoing patterns of ground deformation recently noted indicate that Mauna Loa is no longer at a background state of "quiet." HVO geophysicist **Paul Okubo** discusses the current seismic state of Mauna Loa, as well as seismological observations that HVO has keyed on in the past to issue eruption forecasts.

*USGS graphic: Mauna Loa earthquakes recorded by HVO, January 2013 to present.*



**These Volcano Awareness Month talks will be held in the UH-Hilo University Classroom Building (UCB – in red) in Room 100 on Jan. 7 and in Room 127 on Jan. 28, 2016.**

