

Volume 13, Number 1 • February 2017

COVER IMAGE: Panorama of the

lake at the summit of Kīlauea

2014. This volcanic vent has

been active 2008 to present.

INTERIOR, US GEOLOGICAL SURVEY

PHOTO CREDIT: US DEPARTMENT OF

Halema'uma'u Crater lava

(Hawai'i, USA) in March

Volcanoes: From Mantle to Surface

Guest Editors: Keith D. Putirka and Kari M. Cooper



Down the Crater: Where Magmas are Stored and Why They Erupt

Keith D. Putirka



Global Volcano Monitoring: What Does It Mean When Volcanoes Deform?

Juliet Biggs and Matthew E. Pritchard



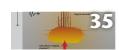
What Does a Magma Reservoir Look Like? The "Crystal's-Eye" View

Kari M. Cooper



Volatiles and Exsolved Vapor in Volcanic Systems

Marie Edmunds and Paul J. Wallace



Dynamic Magma Systems: Implications for Forecasting Volcanic Activity

R. Stephen J. Sparks and Katharine V. Cashman



Volcanoes: Characteristics, Tipping Points, and Those Pesky Unknown Unknowns

Colin J.N. Wilson

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