

Hawaiian Volcanoes

From Source to Surface

Rebecca Carey, *University of Tasmania, Australia*
Valérie Cayol, *Université de St Etienne, France*
Michael Poland, *U.S. Geological Survey, United States*
Dominique Weis, *University of British Columbia, Canada*

Hawaiian Volcanoes: From Source to Surface is the outcome of an AGU Chapman Conference held on the Island of Hawai'i in August 2012. As such, this monograph contains a diversity of research results that explore the current understanding of how Hawaiian volcanoes work and point out fundamental questions requiring additional exploration.



Volume highlights include:

- Studies that span a range of depths within Earth, from the deep mantle to the atmosphere
- Methods that cross the disciplines of geochemistry, geology, and geophysics to address issues of fundamental importance to Hawai'i's volcanoes
- Data for use in comparisons with other volcanoes, which can benefit from and contribute to a better understanding of Hawai'i
- Discussions of the current issues that need to be addressed for a better understanding of Hawaiian volcanism

Hawaiian Volcanoes: From Source to Surface will be a valuable resource not only for researchers studying basaltic volcanism and scientists generally interested in volcanoes but also for students beginning their careers in geosciences. This volume will also be of great interest to igneous petrologists, geochemists, and geophysicists.



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