

## Hakone volcano made by 2520 people

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<http://nh.kanagawa-museum.jp/index.html>

The special exhibition of Hakone Volcano was held at Kanagawa Prefectural Museum of Natural History from July 19 to November 9, 2008. There were 64313 visitors in this exhibition. The purpose of this exhibition was an introduction of a new history of Hakone Volcano (Geological Society of Japan, 2007; Takahashi and Nagai, 2008). A lot of volcanic edifices and lava groups were described and defined in a new history, especially in the old somma. In the special exhibition, how to explain this complex structure to the visitors was a most important problem. We devised two methods for the problem. One was showing new geological maps of Hakone Volcano by scale of 1/25000 solid models, compared with old one. Another was making Hakone Volcano experimentally based on the new theory in the workshop.

Hakone Volcano was made on the table of 180cm in length 135cm in width and 82cm in height with 47 vents, and scale of 1/22000. New history of Hakone Volcano was divided into 64 experimentally processes and workshop was held 32days in total. Wasted oil from museum restaurant added the coagulator was used for lava. Colored fine sand was used for volcanic ash and ejected by fluorocarbon gas for cleaning of keyboard. A participant entered under the table and operated magma that was oil or sand. In total 2520 participants operated magma and completed the new history of Hakone Volcano. Process and result of experiment are showed by web page([http://nh.kanagawa-museum.jp/event/tokubetu/2008\\_hakone/index.html](http://nh.kanagawa-museum.jp/event/tokubetu/2008_hakone/index.html)).