

**Occurrence of the pyroclastic flow deposit, 28 Aug. 2000 at Miyakejima Volcano**

# Jun'ichi Itoh[1], Hideo Hoshizumi[1], Yoshihisa Kawanabe[2], Akihiko Tomiya[1]

[1] GSJ, AIST, [2] Act. Volcano group, Inst. Geosci., GSJ, AIST

Pyroclastic flow was erupted on 28 Aug. 2000. The occurrence of the pyroclastic flow deposit is observed at the mountain side of the volcano. The eruption product at 28 Aug is composed of several pyroclastic units. The major pyroclastic-flow deposit is unsorted, lapilli-rich unit. The other units are yellowish to grey, lapilli-includes fine ash. The lapilli-rich unit shows the depositional structure which runs aground for the obstacles, and the fine ash adhered under the eaves. These sedimentary structures suggest that the bulk temperature of the pyroclastic flow is below 100 degrees.