

Secrets of the active volcano Fuji: The 4th Schoolchildren's Summer Course in Seismology and Volcanology

Masato Koyama[1]; Tsuneomi Kagiya[2]; Kazuyuki Nakagawa[3]; Manabu Hashimoto[4]; Koyama Masato Executive Committee for the 4th Schoolchildren's Summer Course in Seismology and Volcanology[5]

[1] DIST, Education, Shizuoka Univ.; [2] Earthquake Research Institute, University of Tokyo; [3] Jiji Press Kobe; [4] DPRI., Kyoto Univ; [5] -

<http://sakuya.ed.shizuoka.ac.jp/kodomoss/>

The Seismological Society of Japan and the Volcanological Society of Japan have been conducting education programs for schoolchildren annually since 1999 in cooperation with local officials. The program aims to give an opportunity of direct communication between schoolchildren and professional seismologists/volcanologists and to let children recognize not only risks but also great benefits resulted from the activity of the earth. Three programs have been held at Kannami town near the active Tanna fault in 1999, Sobetsu and Abuta towns near Usu Volcano in 2000, and Oshima town near Izu Oshima Volcano in 2001. After two year reviewing the program, the 4th program was held at Fuji, Gotemba, and Fujinomiya cities located near Fuji Volcano on August 2-3, 2003, cooperating with local officials of Shizuoka Prefecture. Twenty-five children of 10-15 years in age participated in this program and spent two days. The program consists of field excursions, experiments, and lectures on several topics in volcanology and seismology. The field excursions aimed to observe volcano topography and eruptive deposits. We provided two experiments using food materials for understanding (1) the relationship between magma viscosity and volcano edifice and (2) process of dike intrusion and fissure eruption. Through the program, we prepared point cards and gave them to individual children or team, when they raised good questions or answers to instructors. Such competition may well stimulated children's interests.