

U021-09

Room:304

Time:May 24 11:45-12:00

The center for volcano disaster prevention education on Fuji volcano hazard - attempt of FVDPIC, YIES

Takashi Uchiyama^{1*}, Eisuke Fujita², Tomofumi Kozono², Satoshi Koshimizu¹

¹YIES, ²NIED

Dissemination of information about potential volcanic hazards is important for the public, as a starting point to deepen their understanding on the volcanic hazard, and to advance the volcano disaster prevention measures. Especially, when Fuji volcano erupts by any chance, the influence extends to not only the population in the surrounding but also the general public, therefore the volcanic hazard map was made centering on the Cabinet Office, it continued to it, and the evacuation map and booklet were made by the local disaster prevention conference.

An essential prerequisite for the mitigation of volcanic risk at Fuji and any volcano is to gain its history of eruptive activity and associated hazardous processes. And a vital element of effective risk reduction is for the population at large to gain an adequate understanding of the current status of Fuji Volcano. Accordingly, "Fuji Volcano Disaster Prevention Information Center (FVDPIC)" is attached to Yamanashi Institute of Environmental Sciences (YIES).

As for the volcanic activity monitoring system of Mt. Fuji, YIES sets up the low frequency seismograph etc. in the Oshino village, and the system that was transmitted to NIED by the lease line. And then, seismic wave data analyzed with the observational data of NIED, and fed back to YIES.

Meanwhile, it is thought that it is important to learn the volcanic phenomena for the reduction of volcanic hazard, assumes the case where the lava flow are erupted from Mt. Fuji, the virtual lava flow simulation is preformed.

To advance the spread enlightenment of the volcanic hazard and risk education on Fuji volcano, the system of FVDPIC is maintained to send essential information concerning Mt. Fuji including the volcano knowledge and monitoring information. It is scheduled to be informed by the illustrated talks and animation, and to open it to the general public, who visited the center of environmental education in YIES because the well-informed populace is more likely to promote support for the geological studies, monitoring activities, and efforts at control. It attaches and it reports on the approach.

Keywords: Mount Fuji, volcanic hazard prevention, volcanic risk mitigation, risk education, monitoring, yamanashi