



Cities on Volcanoes 9  
November 20-25, 2016  
Puerto Varas, Chile

*'Understanding volcanoes and society: the key for risk mitigation'*



## **Volcanic Ash Collection System by local people at surrounding municipalities of Mt. Sakurajima**

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Key words: Volcanic ash collection, Mt. Sakurajima

This poster presents current volcanic ash collection system and its history in municipalities of Kagoshima Prefecture. Mt. Sakurajima, which is one of the most active volcanos in the world, is located in Kagoshima Prefecture in Kyusyu Island of Japan. It has been erupting continuously and has 1252 times eruptions last year. The ash produced by this volcano is annoying people's life. For example, the ash may give some health impacts and roads covered by ash become slippery and lead traffic accidents, thus, we have to remove this ash as soon as possible after eruptions. Nowadays, municipalities surrounding Mt. Sakurajima have efficient ash collection and transportation system. These municipalities are utilizing special type of vehicles for sweeping roads, but the remarkable method for collecting ahs is using plastic bags by people. These municipalities give the plastic bags for each households and ask them to collect and put ash into it, then dump at ash collection points, which is like waste collection points. The municipal dump trucks collect these bags points to points. This poster introduces the current method how to eliminate volcanic ash cooperating with local people and municipalities firstly, then, examine the history how involving the people for ash collection. Finally, the facing issues on this system will be described.