

## Development of scenario simulations of volcanic crisis

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The authors report the development of scenario simulations of volcanic crisis and their evaluations when used as a training tool for administrative officers and volcanologists as well. The scenario simulation reported here is a table top exercise for the players to provide a common ground for discussion on different aspects of crisis management in general and preparation for an eruption of Fuji Volcano in particular. The scenario used is based on, at the moment, a fictitious but possible eruption of Fuji Volcano.

The procedure of the simulation is as follows. (1) The players are divided into groups of five to seven persons. Each group is asked to act as a crisis manager of a local government situated near Fuji Volcano. (2) All groups receive the same information as to the progress of the eruption. (3) After several situation reports or messages, each group is asked to prepare advice based on the questions presented to them. Roughly 20 minutes are available for each such group discussion. (4) After each of the discussions, two or three groups are asked to make brief presentations of their advice. The other groups have an opportunity to comment on the contents of the presentations.

The authors had the experience of running the above-mentioned scenario simulation twice: One was for 107 administrative officers of local governments, the other was for 25 people including volcanologists, the mass media, and the administrative officers. The evaluations of the players were generally positive, which can be interpreted as quite satisfactory.