

How volcanology will manage environment and hazard?

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In order to mitigate volcanic disaster, it is necessary to understand the timing and magnitude of eruption before eruption, and to evaluate the transit of eruption properly, indicating the development of volcanology is essential. Therefore, the roles of volcanology and volcanologist are important to mitigate the volcanic disaster.

Japanese volcanologists have contributed to mitigate the volcanic disaster in case of volcanic unrest or eruption. A few examples will be reviewed during the session.

However, these contributions have not been made by the volcanological society, but by volcanologists personally. It is not clear how the academic society such as volcanological society should contribute to mitigate the natural disaster. Academic society could be an organ to contribute in risk evaluation through the scientific discussion within the society, but may not be an organ to engage in risk management.

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