

## Proposal of new definition for Japanese active volcanoes (2)

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Japan Meteorological Agency is now planning to revise the definition of Japanese active volcanoes as 'any volcano which was erupted within ten thousand years or solfataric activity is currently on going'. The selection of active volcanoes based on a new definition installs the examination meeting which added the external geology specialist as a subsystem of active volcano workgroup.

This poster presentation shows detailed processes to judge individual volcano and will be presented basic concept of the revised definition on a separate presentation.

More than 60 candidate volcanoes were selected from the 'Catalog of Quaternary Volcanoes in Japan'(The Volcanological Society of Japan, 1999). Eruption history and age data are reviewed mainly from literatures. Additional information for some volcanoes were directly obtained from scientists who are currently doing research works on candidate volcanoes. Topographic expressions were inspected from aerial photographs and topographic maps.

What was considered as the candidate of an active volcano is a volcano which fulfills the following conditions. The volcano which was erupted within ten thousand years activity is checked by dating or tephra stratigraphy.

What was not considered as the candidate of an active volcano that require future investigation is the volcano which fulfills the following conditions. 1) The volcano which was erupted within ten thousand years but reliability of those data is low. 2) The volcano which was erupted without ten thousand years but may become within ten thousand years by future investigation. 3) The volcano where the geographical fresh feature which has not been influenced of the last glacial epoch.

Total number of active volcanoes under the new definition is around 110, although around 30 other volcanoes are reserved to make final judgment because of insufficient geologic data and age determination.