
SVC063-P02

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volcano-loop, the new system of observtion of volcano

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Abstract

EM techniques give us a lot of knowledge about the structure and activity of volcano. Now it is time that we have a possibility to get the knowledge when eruption happens. In this session, we propose new system to monitor volcano, named volcano-loop. Volcano-loop is the same technique as coincident-loop applied to volcano. This system has some superior points to the system used now. We introduce these points and the results of simulation that is test the system.

Keywords: volcano-loop, volcano, coincident-loop, observation