

SVC052-15

Room:302

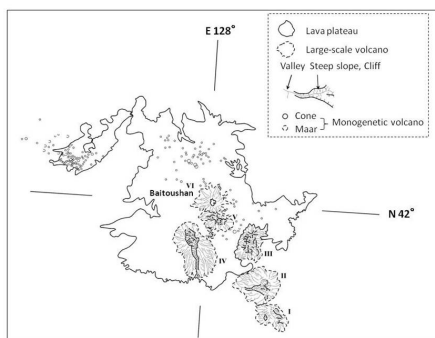
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Extension and surface structure of Gaima lava plateau on the borderland between China and DPR Korea

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The Gaima lava plateau contains more than six large-scale volcanic edifices, including Baitoushan volcano, and more than 520 small-scale volcanoes are distributed over the plateau. We note that the volcanoes are arranged almost entirely along a NW strike, and the existence of a valley dividing each edifice into eastern and western components is common to these large-scale volcanic edifices. A global stress field having a maximum horizontal compression axis with a nearly NW strike might produce these characteristics.



Distribution of lava plateaus and volcanoes in the study region

Keywords: Gaima lava plateau, Baitoushan volcano, volcanic geology, satellite image