

## Re-survey of volcanism at the Kaikata Seamount

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Revealing the volcanism at the Kaikata Seamount (KC peak), two dives of Shinkai 2000 investigating geology were carried out. Basaltic and andesitic rocks were recovered at the horseshoe-shape ridge extending from northwestern point of the caldera, which means that the ridge is an outer-most somma of the KC peak of Kaikata Seamount and suggests that the peak is formed as triple volcano. Basaltic to andesitic rocks were also recovered from both the central cone and the southwestern inner wall of caldera rim, which means that diversity of chemical composition of magma ranges from basalt to andesite in each. A relatively fresh lava fragment with glassy margin was recovered at the slope of outer-most somma, which suggests recent activity there.