

**V055-P016**

Time: May 27 17:15-18:45

## The eruption of Miyake-jima Volcano since 2000 -- Surface change and generality of the Miyake-type caldera in arc volcanism

# Osamu Oshima[1]

[1] Dept. Earth Sci. & Astro., Univ. Tokyo

Miyake-jima Volcano formed a typical collapse caldera induced by magma migration away from the magma chamber beneath the volcano. This paper presents the sequence of the eruption, surfacial change, and possible common occurrence of this type of caldera on the basaltic stratovolcanoes in arc volcanism.