

**Concerning new land formation/expansion due to eruption in the sea
around Nishinoshima Island
(7th report)**

On November 20th, 2013, new island formation was confirmed on the sea approximately 500m southeast from Nishinoshima Island, and subsequently eruption continued, with the new island connecting to Nishinoshima Island and island expansion continuing.

Topographic interpretation maps were created by interpreting aerial photographs taken on March 1st, 2015 by Unmanned Aerial Vehicle (UAV). Facts established by means of topographic interpretation are as follows.

1. Expansion of island area

Island area has been expanding, with the lava flowing mainly in the east and north directions.

The scale of the lava flow to the east, which has been flowing down and covering up old lava, is particularly large.

2. Growth of pyroclastic cone

Of the two pyroclastic cones as of July 4th, the pyroclastic cone on the north side, which has buried the pyroclastic cone on the south side, has grown to one pyroclastic cone with a large crater.

3. Formation of smooth coastline due to erosion of front edge of lava flow and formation of reef

The lava flowing into the sea is being eroded by waves, and lava pieces, etc. are being deposited in indentations, forming sandbar. As a result, coastline is more regularly formed except for the point where the lava flows down east into the sea.