

The database of the marine and submarine volcanoes in the Japanese Waters -Part 2-

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In the joint convention 2003, we introduced the database of the marine and submarine volcanoes in the Japanese Waters, the database information is opening to the public via web site of the Hydrographic and Oceanographic Department of Japan (HODJ) at [http:// www1.kaiho.mlit.go.jp](http://www1.kaiho.mlit.go.jp).

In this convention, we introduce the information obtained from the database. For example, we show the geographical change of Nishinoshima obtained from an aerial photograph. We used VirtuoZo (supresoft Japan Inc.) to make digital data from photograph. We show the superimposed image of photograph and DEM.

In 1973 the new island was born in Nishinosima, in 1974 remarkable volcanic activity stopped, the old island and the new one were connected with sediment (sand). HODJ has been taking a photograph in Nishinoshima twice a year.