

## Volcanic products from Iwate volcano during latest thousand years

# Nobuo Doi [1], Shin Koshiya [2], Yoshiyuki Mitachi [2], Maki Shimamori [2], Toshimasa Sato [2], Nobutaka Tsuchiya [3], Keizo Yanai [4]

[1] JMC, [2] Civil and Environmental Eng., Iwate Univ., [3] Dept. Geology, Iwate Univ., [4] Dept. Civil and Environ., Faculty of Engin., Iwate Univ.

East Iwate volcano erupted four times during latest thousand years. The volcanic products are the Shirisida scoria (newly defined), the Okawa-kaitaku scoria (tentative name), the Kariya scoria and the Yakehashiri lava, in ascending order. The Okawa-kaitaku scoria has lower K<sub>2</sub>O than the Shirishida scoria, and covers it with thin black soil. The Okawa-kaitaku scoria and the Ippongi-hara debris avalanche deposit are also distinguished from the Kariya scoria by C-14 ages, although they are thought to be close geologic age because of slight soil. The process of eruption of the Kariya scoria and geology of the Yakehashiri lava are discussed. Three scoria eruptions from summit crater have the evidence of magma mixing.