

Fission-track dates and paleomagnetism of the Miocene Nijo Group, Southwest Japan

*Hiroyuki Hoshi[1], Hideki Iwano [2], Tohru Danhara [2]

Aichi University of Education[1], Kyoto Fission-Track[2]

Southwest Japan is famous for its clockwise rotation related to the opening of the Japan Sea, but the timing is still controversial. In order to set force the timing of the rotation, we determined fission-track dates and paleomagnetic directions for volcanic rocks from the Miocene Nijo Group distributed in the Nijo-san area over Osaka and Nara prefectures, Kinki district, Southwest Japan. In the presentation we will present newly obtained results, and tectonic discussions will also be given.