

Feel and Mind the Earth on the active volcanic island - Collaboratively Developing Field Laboratory and Excursion Programs as Education Tours for School, University and Public at Izu Oshima Geopark

Masami Hasegawa^{1,4}, Takashi Kamijo^{2,4}, Kana Nishitani^{3,4}, *Rika Usui⁴

1. Department of Biology, Faculty of Science, Toho University, 2. Graduate School of Life and Environmental Sciences, University of Tsukuba, 3. Global Nature Club, 4. Izuoshima Geopark Promotion Committee

Young volcanic islands provide us great opportunities to experience, feel, learn and mind our planet earth and evolving life on it. As Izu Oshima is locating very close to the Tokyo metropolitan area, so many schools, college and university have been carrying out field laboratory and excursion programs to learn biology, ecology, earth and environmental sciences. Using these rich education programs and experiences, we together plan to reorganize these resources to develop open public education tours for sustainable use and conservation of national park by fulfilling aims and purposes of Izu Oshima Geopark.

Keywords: Geopark, school excursion programs, education tours, outdoor education, biology, ecology, earth and environmental sciences