Land cover change in mangrove forests using analysis of high-resolution images

*Kodai Hasada¹, Shin Watanabe², Kiyoshi Fujimoto³, Saimon Lihpai⁴

1. Faculty of Letters, Hosei University, 2. Tropical Biosphere Research Center, University of the Ryukyus, 3. Faculty of Policy Studies, Nanzan University, 4. Pohnpei State Government, FSM

We report on canopy gap area change estimated by analyzing satellite and UAV images in Mangrove forests of Pohnpei Island, FSM.

Keywords: Mangrove, Canopy gap, Unmanned Aerial Vehicle (UAV), GIS, Pohnpei Island