Regional crustal movements and gigantic tsunami traces recorded by ghost forests: Importance of outreach activities and education for disaster prevention

*Kiyoyuki Shigeno[1], Futoshi Nanayama[2,6], Kazuaki Watanabe[2], Masayuki Ishii[3], Kazuhito Ishiwata[4], Shigeto Inokuma[5], Keita Fukatsu[7]

1. Meiji consultant co.,Ltd., 2. Geological Survey of Japan, AIST, 3. Ishii Professional Engineer Office, 4. Betsukai municipal museum, 5. Nemuro City museum history and nature, 6. CWMD, Kumamoto Univ., 7. Notsuke Peninsula Nature Center

Coastal topography and tsunami deposits caused by trench type earthquakes can be clearly observed around the Kuril subduction zone, eastern Hokkaido. We conducted a geological excursion on the theme of geological phenomena caused by giant earthquakes, which can be participated by local citizens on September 3-4, 2018 as a related event of the 125th annual scientific congress of the Geological Society of Japan in Sapporo. In this excursion, we taught that future disasters can be predicted based on the past information from strata and topography recorded during the past several thousand years. And these are useful for teaching materials for students. We also hope that local citizens will consider future giant earthquake and tsunamis and disaster prevention using peel specimens of tsunami deposits for local museums, etc.

Keywords: outreach activities, awareness activities, tsunami deposits, related regional crustal movements, giant earthquake

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