

Core samples obtained from off the Enshu coast: Preliminary Report of R/V Tansei-maru KT-08-30 cruise (Part 1)

Masaaki Shirai[1]; Akiko Omura[1]; Takuma Ito[2]; Naoko Nagumo[3]; Kiichiro Kawamura[4]; Masayuki Oishi[5]; Toru Wakabayashi[3]; Yuichi Niwa[3]; Katsura Kameo[1]

[1] ORI, Univ. Tokyo; [2] Mountain and Environmental Sci., Shinshu Univ.; [3] Environmental Studies, KFS, UT; [4] FGI; [5] Dept. of Geography, Tokyo Metropolitan Univ.

Core samples were obtained from off the Enshu coast, the Pacific side of central Japan on the R/V Tansei-maru KT-08-30 cruise (13 to 17, Nov. 2008) for investigating sand grains transport process from coastal area to deep sea. It has been very difficult to preserve information of core-top stratigraphic position and sedimentary structures due to drying or separation between sediment particles and pore water. We attempted to make peel samples from core-split surface using polyurethane resin. Peel samples were obtained in good order even though core samples have high water content. In addition, both peel sample and split surface offer good appearance for core description after peeling. Peeling is very efficient for researches on deep sea sediment. We will show the peel samples and explanation of the cores obtained from off the Enshu coast.