

"Structure and Evolution of the East Antarctic Lithosphere" [Geotransect Project] - Outline and Scientific Significance -

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"Structure and Evolution of the East Antarctic Lithosphere (SEAL)" Project have been carrying out in a framework of the Japanese Antarctic Research Expedition in recent years. The main target of the SEAL geotransect project is to obtain the crustal section in relation to the evolution and structure from the Archean Napier Complex to the Paleozoic Lutzow-Holm Complex. In the experiments on 2000 and 2002 austral summer seasons, explosion seismic experiments are planned to be held on icesheet in the northern Mizuho Plateau of the Lutzow-Holm Complex. This presentation is particularly focused on the outline and scientific significance on the geotransect project.