

Comprehensive research of the Chuseki-so in the Tokyo and Nakagawa Lowlands, Kanto Plain, at the third year stage

Katsumi Kimura[1]; Susumu Tanabe[1]; Tomio Inazaki[2]; Yoshiro Ishihara[3]; Toshimichi Nakanishi[2]; Mieko Uchiyama[1]; Yoshinori MIYACHI[4]; Haruko Sekiguchi[5]; Rei Nakashima[6]; Toshio Nakayama[7]; Shoichi Hachinohe[8]

[1] GSJ/AIST; [2] GSJ, AIST; [3] Fukuoka Univ.; [4] IGG, AIST; [5] Active Fault Research Center, GSJ/AIST; [6] Institute of Geoscience, AIST; [7] Institute of Civil Engineering of T.M.G.; [8] Center for Envir. Sci., Saitama

The Tokyo and Nakagawa Lowlands are underlain by the Latest Pleistocene to Holocene strata, called as Chuseki-so deposits, filling the buried incised valley formed during the last glacial age. The science project has been doing as follows; 1) establishing the standard of stratigraphy and physical property of the Chuseki-so deposits, 2) detailed structural image of the ground, such as the shape of the buried incised valley and the internal structure of the Chuseki-so deposits by the S wave reflection study, 3) collecting about 5000 numbers of existing borehole log data surveyed for building construction and establishing a three-D geological structural model.

We will introduce the recent study results and the outline of a next medium-range plan.