

## **Geographic characters of incised-valley filled with alluvial deposits in the western part of the Saitama Prefecture**

# Katsumi Kimura[1], Yoshiro Ishihara[2], Shoichi Hachinohe[3], Tomio Inazaki[4], Yoshinori MIYACHI[5], Tsutomu Nakazawa[4], Susumu Tanabe[6]

[1] GSJ-AIST, [2] Geological Survey of Japan / AIST, [3] Center for Envir. Sci., Saitama, [4] GSJ, AIST, [5] Geological Survey of Japan/ AIST, [6] Graduate School of Sci. and Tech. Niigata Univ

This paper presents geomorphological characters of incised-valley filled with the latest Pleistocene-Holocene deposits in the east part of Saitama Prefecture, based on detailed contour map with area of 14\*16km, precise S-wave reflection image, and stratigraphy and sedimentary facies of new boring core of 60 m long, taken from the alluvial plain. Previous boring data of 1500 numbers were also referred to correlate the stratigraphy of the incised-valley fills.