

Reexamination of terrace classification in eastern central part of Yamanote Upland with aids of both DEM and borehole data

Tatsuji Matsuzaki[1]; Isamu Toyokura[2]; Hiroshi Sudo[3]; Kenzo Fukui[4]; Sumio Aoto[5]; Heitaro Watanabe[6]; Akio Kawada[7]

[1] SUNCOH CONSULTANTS CO.,LTD.

; [2] Dia Consultants; [3] Tokyo Branch, Oyo Corp; [4] Kiso-Jiban Consultants Co.; [5] KGE Co.,Ltd; [6] TAISEIKISOSEKKEI Co.,LTD.; [7] none

When it comes to analyzing geologic structures of late Quaternary sediments, it is important to grasp the relationships between terrace plain distribution and its sediment. Recently, the past ground information on public construction works has been gradually made public in websites, where we are able to access easily. Besides, detailed digital topographic map (Digital Elevation Model) has been published already. We tried to utilize both of them for checking terrace classification in our study area of the eastern part of Yamanote Upland where there are a few controversial points in classifying the terraces. We will report the result of our reexamination of terrace classification and a new viewpoint of the formation process of asymmetric valley in the area.