

Sedimentary facies and radiocarbon dates of the Alluvium in the lower reaches of the Tone River

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To identify the depth of the origin of the liquefaction and to reveal the stratigraphy of the Alluvium, GSJ made borehole research in the lower reaches of the Tone River. This area had severe liquefaction during the 2011 Tohoku earthquake. In this presentation, we report the sedimentary facies and radiocarbon dates of six sediment cores obtained from the north bank of the Tone River in Inashiki and Itako Cities, Ibaraki Prefecture and Katori City, Chiba Prefecture.

Keywords: Tone River, Alluvium, sedimentary facies, radiocarbon date, flood tidal delta