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SSS032-P11

Room:Convention Hall

Time:May 25 16:30-17:30

## Fault geomorphology identified by the interpretation of stereoscopic images produced from digital elevation model

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Detailed digital elevation model (DEM) data distributed from Geospatial Information Authority of Japan (GSI) has been stored steadily since the Basic Act on Promotion of Utilization of Geographical Information was published in 2007. We produced stereoscopic images from all files of 5m-mesh-DEM made by GSI, and interpreted fault topography on the fluvial plains. The small fault scarps are newly identified on the Kyoto basin, Toyama and Niigata plains. It shows that stereoscopic images from detailed DEM are applied materials for active fault research.

Keywords: active fault, digital elevation model, stereoscopic image, Kyoto basin, Isuguri Fault, Kakuda-Yahiko fault