Japan Geoscience Union Meeting 2015

(May 24th - 28th at Makuhari, Chiba, Japan)

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HTT32-01

Room:203

Time:May 26 11:00-11:15

Historical consideration on the relationship among surveying, geomorphology and GIS

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Surveying and geomorphology are related disciplines because both deal with the shape of earth surfaces. Their relationship changed historically with the progress of related technologies, concepts and materials including photogrammetry, geomorphometry, digital elevation models and GIS. This paper discusses such historical issues and presents future perspectives.

Keywords: surveying, geomorphology, GIS