

Preparation of the digital stereoscopic topographic maps of Japan using 10m DEMs

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By using 10m mesh DEM of GSI, we have developed four kinds of digital stereoscopic topographic map (DSTM), i.e., slope map, positive openness map, negative openness map and shaded relief map of elevation, for the total land areas of Japanese territory, with the scales of 1/500,000 and 1/200,000. The application of those maps are under investigation by our colleagues, and some results will be introduces in the oral and poster sessions in this conference.

Keywords: Digital elevation model, Stereoscopic topographic map