

Improvement of the Gravity database of Kanazawa University

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The gravity database of Kanazawa University is now available on web (Honda et al., 2012, J. Geod. Soc. Japan). The terrain correction for the gravity data is based on Honda and Kono (2005, J. Geod. Soc. Japan) applying 50 m gridded topography data, which is based on various DEM, including sea data published by Japan Oceanographic Data Center, Japan Coast Guard. Recently, 10 m DEM published by Ministry of Land, Infrastructure, Transport and Tourism is available, which covers all over the country. We refined our correction routine to apply the fine DEM. The terrain gravity correction, especially on mountainous region, improved by this application. We report our new correction routine with the refined gravity anomaly map.

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