

The gravity anomaly data-set include the gravity data measured by Kanazawa university and published by many institutes

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We have released the gravity database using the measurement data by Kanazawa University, and this database is now available on web (Honda et al., 2012, J. Geod. Soc. Japan: [http://earth.s.kanazawa-u.ac.jp/gravity\\_database.html](http://earth.s.kanazawa-u.ac.jp/gravity_database.html)). We made some efforts for visualization of the database, for example that users can see the gravity anomaly map on GoogleEarth<sub>TM</sub>. We also constructed the high quality gravity anomaly data-set over Japan to discuss the potential of seismic activity in Japan, using our database and other data-set published by many agency (Honda et al., 2015, JpGU meeting). We improved the gravity database with the sea area by compiling the marine gravity measurement data around Japan. We used the MGD77 data-set published by Japan Oceanographic Data Center with the necessary correction like the major cross-over errors (Sawada et al., 2009, Rep. Hydro. Oceano. Researches). We are sure that this improvement is prospective for the research of the tectonic activities extending over the coast area.

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