



An international database for absolute gravity measurements - a continued activity of BKG and BGI

H. Wziontek (1), H. Wilmes (1), J. Ihde (1), S. Bonvalot (2)

(1) Bundesamt für Kartographie und Geodäsie, Frankfurt am Main, Germany (2) Bureau Gravimétrique International, Toulouse, France

The steadily growing number of absolute gravimeters and absolute gravity measurements all over the world emphasises the demand of an overview about existing locations, observations, instruments and institutions involved. A first goal is to collect meta-data about this information to provide a basis for future cooperation and the coordination of forthcoming measurements. Furthermore, an exchange of gravity values and processing details between contributing groups should be possible. For both purposes, a relational database was designed and implemented and has reached the operational status now. Prospectively, the database will contribute to the realisation of an international gravity reference and serve as a basis for geophysical interpretation of absolute gravity on a global scale.