

Bundesamt für Kartographie und Geodäsie

AGrav: An international database for absolute gravity measurements

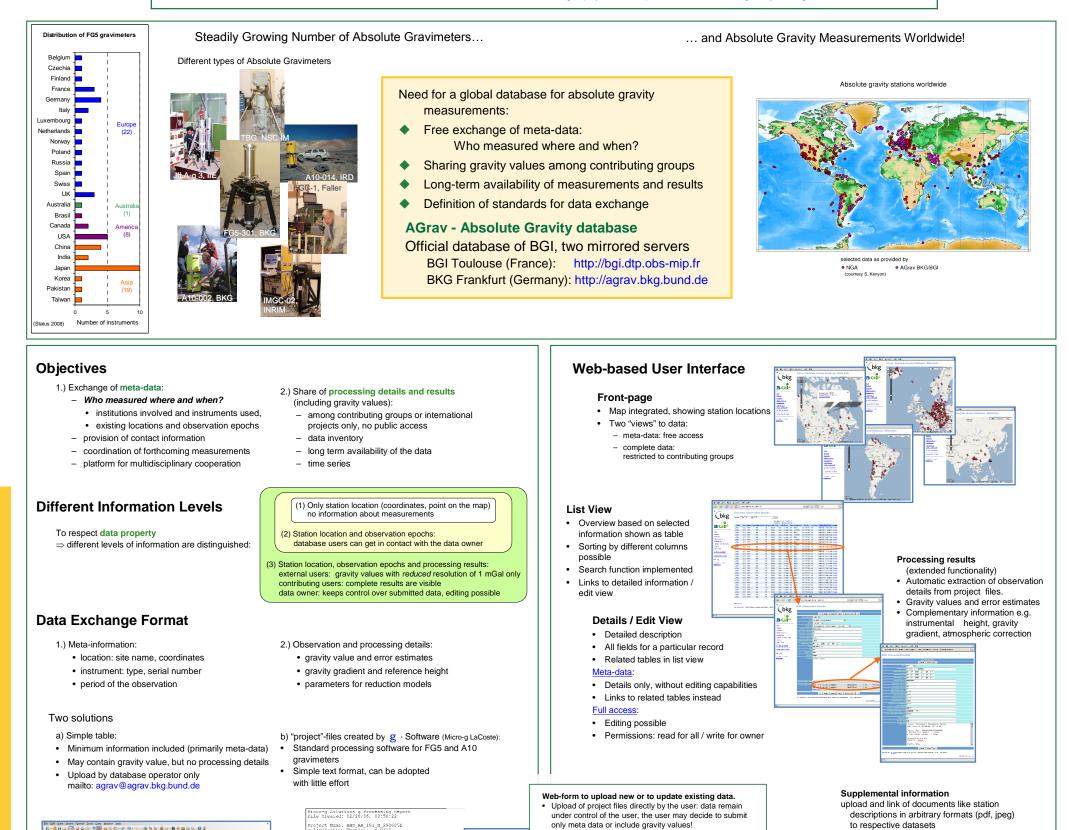


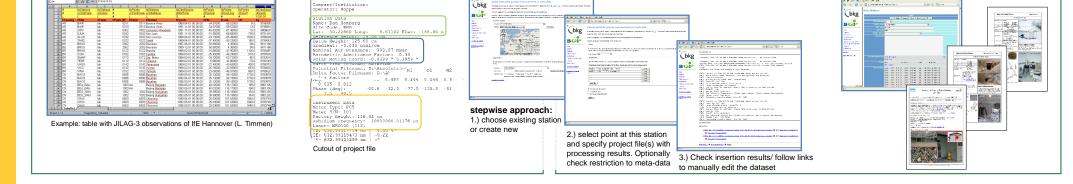
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Summary:

The steadily growing number of absolute gravimeters and absolute gravity measurements all over the world emphasizes the demand of an overview about existing locations, observations, instruments and institutions involved. As a contribution to IGFS, a relational database was designed and implemented in a joint development of BKG and BGI and is in operational status now.

Two objectives are aimed at: With freely available meta-data and contact details, the database gives an overview about existing stations and observations, serves as a platform for multidisciplinary cooperation and allows for coordination of forthcoming measurements. Furthermore, an exchange of gravity values and processing details between contributing groups or international projects is possible, assuring long term availability of the data. Prospectively, the database will contribute to the realization of an international gravity reference and serve as a basis for geophysical interpretation of absolute gravity on a global scale.





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Project Name: BHG_AA_101_N_290605b J Acquisition Version: 4.0310 1 Processing Version: 4.0416 pany/Institution: rator: Hoppe

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to respective datasets

