Per
Knudsen
DTU Space
Americo Ambrozio, ESA
Marco Restano, ESA
Ilias Daras, ESA

Poster

The GOCE User Toolbox GUT was originally developed for the utilisation and analysis of GOCE products to support applications in Geodesy, Oceanography and Solid Earth Physics. GUT consists of a series of advanced computer routines that carry out the required computations without requiring expert knowledge of geodesy. Hence, with its advanced computer routines for handling the gravity field information rigorously, GUT may support the gravity missions such as GRACE, NGGM, and MAGIC in developing Level-2 and Level-3 products.

In this presentation we focus on applying GUT for assessing the quality of recent satellite only gravity models. The assessment is carried out in marine regions by intercomparing geoid heights with a mean sea surface model. The residual fields are filtered at different wavelengths to evaluate the signal contents at different spectral intervals. Subsequently, statistical parameters are computed and compared.

Meeting homepage

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