



Earth Rotation and Global Dynamic Processes - An Inter-disciplinary Research Initiative

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For the integrated study of Earth rotation and related global dynamic processes, a joint research initiative with partners from Germany, Austria and Switzerland has now been working for almost 4 years. There, 10 inter-related sub-projects (with 12.5 co-workers from 11 universities and research institutions) are funded by the German Research Foundation (DFG). Goal is the consistent modelling, analysis and interpretation of all relevant features related to Earth rotation (observation techniques, data processing, the geophysical processes in the Earth system, etc.). The inter-disciplinary research group comprises competences from geodesy, geophysics, meteorology and oceanography. The complete project with a funding line of 3 + 3 years has now entered the second phase.

This paper gives an overview about the various research activities and presents a few exemplary results. Further achievements of the research group are given in several oral and poster presentations during this EGU meeting.