



Earth Rotation and Global Dynamic Processes - Joint Research Activities in Germany

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An extended project has been started in 2006, in order to organize joint research in "Earth rotation and global dynamic processes" in Germany. 10 inter-related sub-projects (with 12 co-workers) are funded by the German Research Foundation (DFG). The main objective of this coordinated project is to describe and explain the physical phenomena which contribute to the variations of Earth rotation. Interactions and couplings of the various sub-systems are taken into account and dedicated analyses of the dynamic processes are carried out. The contributions of various groups and scientific disciplines (from geodesy, geophysics, meteorology and oceanography) enable a comprehensive and integral treatment of Earth rotation. This paper gives an overview about the research activities and the status of the project.