### **Ressourcen Version 1.0**

### **GRACE Satellitenmission Informationen**

- GRACE@JPL und GRACE-FO@JPL
- Center for Space Research, University of Texas at Austin
- <u>Deutsches GeoForschungsZentrum Potsdam</u>
- Technische Dokumentation (e.g. GRACE Level 1B data user handbook)@PO.DAAC, Physical Oceanography Distributed Active Archive Center am Jet Propulsion Laboratory

# GRACE Level 1B data (ranging, orbits, accelerometer, etc...)

- Information System and Data Center ISDC@GFZ
- PO.DAAC@JPL/NASA

#### Schwerefeldmodelle

- International Centre for Global Earth Models ICGEM@GFZ: Kugelfunktionskoeffizienten Clm. Slm (Level 2 Product)
- TELLUS@JPL/NASA: Äguivalente Wasserhöhe (Level 3 Product)

#### Satelliten Radar Altimetrie

Archiving, Validation and Interpretation of Satellite Oceanographic data AVISO

#### ARGO float Netzwerk

**ARGO** 

# Minimalbeispiel zur Berechnung der EWH auf Github

MATLAB/Octave Programmbeispiel

## Referenzen

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- Chen, J.L., Wilson, C.R., Tapley, B.D. (2013): Contribution of ice sheet and mountain glacier melt to recent sea level rise. Nature Geosience, vol. 6. DOI: 10.1038/NGEO1829
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- Maver-Gürr, Torsten; Behzadpour, Saniya; Ellmer, Matthias; Kvas, Andreas; Klinger, Beate; Zehentner, Norbert (2016): ITSG-Grace2016 - Monthly and Daily Gravity Field Solutions from GRACE. GFZ Data Services. DOI: 10.5880/icgem.2016.007
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- Wahr, J. M. (2007), Time-variable gravity from satellites, In: Treatise on Geophysics, Vol. 3, 213-237. ISBN: <u>9780444534606</u>. DOI: <u>10.1016/B978-044452748-6.00176-0</u>
- Wahr, J., Molenaar, M., Bryan, F. (1998): Time variability of the Earth's gravity field: Hydrological and oceanic effects and their possible detection using GRACE, J. Geophys. Res., 103(B12), 30205-30229, DOI: 10.1029/98JB02844.