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OpenADB is a database for satellite altimeter data and high-level products developed by the German Geodetic Research Institute (Deutsches Geodätisches Forschungsinstitut, DGFI).
At the moment, OpenADB contains Sea Surface Heights (SSH), Sea Level Anomalies (SLA), Instantaneous Dynamic Ocean Topography Profiles (iDOT), Empirical Ocean Tide Model Corrections (EOT), and Vertical Total Electron Content (VTEC). All products are provided along the altimeter ground tracks. OpenADB works with a graphical user interface where users can choose their preferred data set after a short registration process. The desired data sets are provided in NetCDF format for download immediately after computation.
Furthermore, the “Database for Hydrological Time Series of Inland Water” (DAHITI) which contains about 180 time series of water level heights of inland waters is provided via OpenADB.
The database also provides meta information about all altimeter missions (e.g. satellite information, orbit parameters, etc.). Furthermore, a tool named “Pass Locator” which can be used to display satellite tracks of altimeter missions on a map.
The website of OpenADB is available at http://openadb.dgfi.badw.de.
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