

Aviso+ Online Data Extraction Service (ODES): a new way of disseminating altimetry data for hydrology

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Select a category

- PISTACH
- NATIVE IGDR
- NATIVE GDR
- ENHANCED GDR
- X-TRACK
- CORRSSH
- PEACHI

Selection of missions

Selection of parameters at download

Area selected

FTP "on-the-fly"

No waiting, nor size limit

<http://odes.altimetry.cnes.fr>

AVISO+ proposes the **Online Data Extraction Service (ODES)**, to provide users and applications with a wider range of altimetry-derived data (including high-resolution and experimental data). The platform is designed to distribute operational products from CNES and partner Agencies (Eumetsat, ESA, NOAA, NASA) but also research-grade data from LEGOS/CTOH and CLS and other contributions from the OSTST research community.

Online data extraction service for hydrology

Extracting hydrology experimental (Pistach) data

- Select "Pistach" as "category"
- Selected "hydro" as product
- Jason-2 (J2) is selected as "mission"
- Period is by default the mission's. (NB. Product may not be available for the whole period)
- Now you can select the area you're interested in: here we will work on the Parana river
- log-in (using your Aviso login/password; register if you don't have one yet)

AVISO+ ONLINE DATA EXTRACTION SERVICE

Select a category

- PISTACH
- NATIVE IGDR
- NATIVE GDR
- ENHANCED GDR
- X-TRACK
- CORRSSH
- PEACHI
- X-TRACK (FILTERED)

Selection of parameters at download

Area selected

FTP "on-the-fly"

No waiting, nor size limit

Extracting parameters within the dataset

- Once logged in, click on "download". You then see the whole list of variables available within the "Pistach" data. Untick the upper most check box to unselect all.
- We will take the necessary fields to compute a river height, i.e. alt - range_ice3_ku - geoid_EGM2008 - model_dry_tropo_corr - model_wet_tropo_corr - pole_tide - solid_earth_tide - iono_corr_gim_ku
- Note that some fields are in the category "open ocean SLA", EGM2008 geoid in coastal studies and range ice3 is ice studies.
- clicking on "download" leads you to the FTP part. You can download the data using your preferred FTP software.

Now you just have to use the data!

