

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

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The screenshot shows the Aviso+ ODES web interface. On the left, a sidebar titled 'Select a category' lists products: PISTACH, NATIVE IGDR, NATIVE GDR, ENHANCED GDR, X-TRACK, CORRSSH, and PEACHI. Below this, a map shows the 'Area selected' in the South Atlantic Ocean. In the center, a 'Selection of missions' panel displays satellite icons for Jason-1, Jason-2, and SARAL. On the right, a 'Selection of parameters at download' panel lists various altimetry parameters like Sea Level Anomalies, Ocean Depth, and Sea Level Rise. A yellow arrow points from the parameter selection to a 'FTP "on-the-fly"' panel showing a file directory. At the bottom, a large map shows the 'Area selected' in the South Atlantic Ocean. A yellow banner at the bottom contains the URL: <http://odes.altimetry.cnes.fr>.

Classical & Innovative products

Selection of missions

Selection of parameters at download

FTP "on-the-fly"

Area selected

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

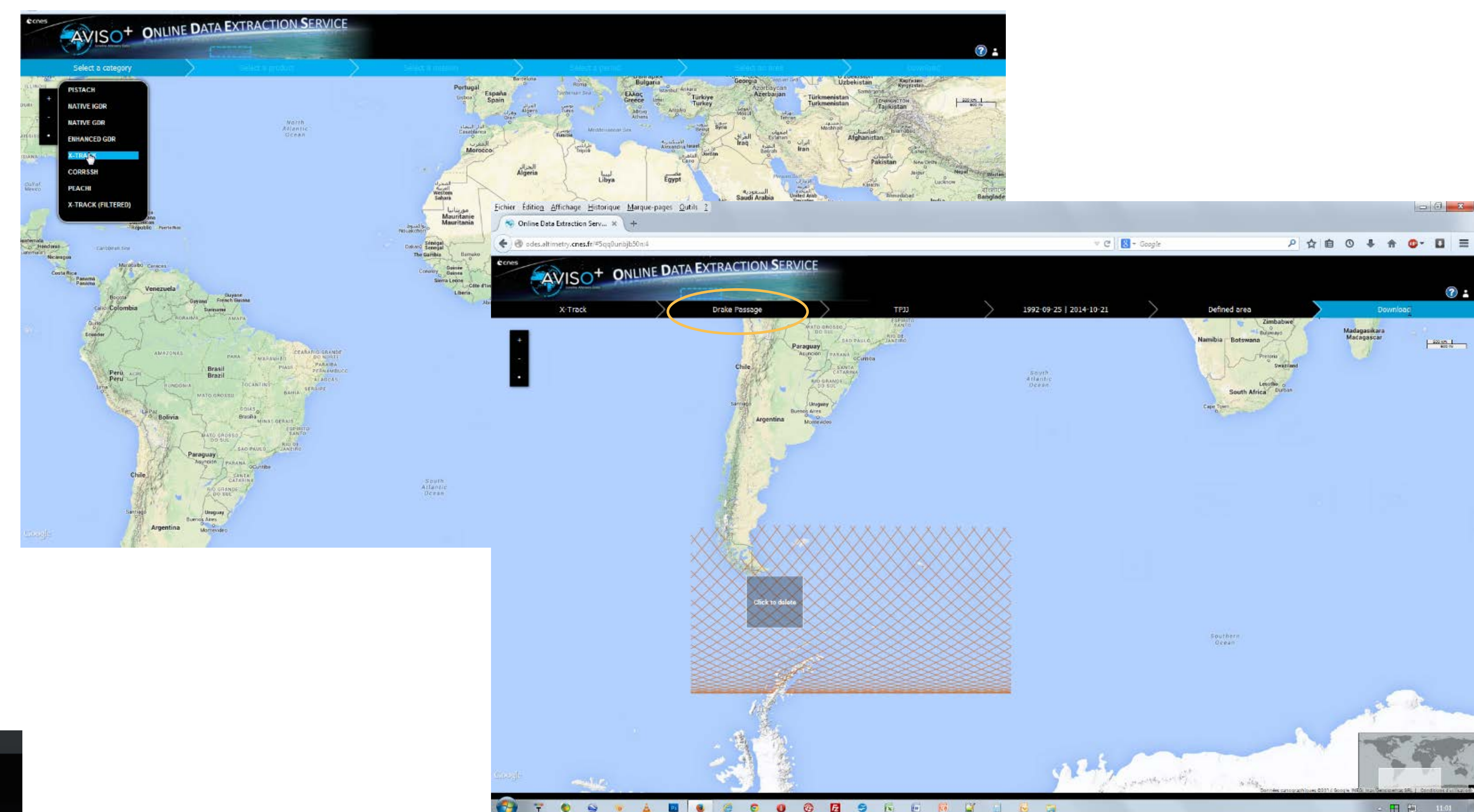
No waiting, nor size limit

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 coastal studies

Extracting X-Track SLA data

- Select "X-Track" as "category"
- Select the product depending on your area of interest
- "TJJ" (i.e. T/P – Jason-1 – Jason2) is selected as "mission"
- Period is by default the mission's (1993 - mid 2013). Now you can select the area you're interested in, within the product's coverage: here part of the Drake Passage
- log-in (using your Aviso login/password; register if you don't have one yet)



Extracting parameters within the dataset

- Once logged in, click on "download". You then see the whole list of variables available. Untick the upper most check box to unselect all.
- We will take the whole list of variables.
- clicking on "download" leads you to the FTP part. You can preview the product cycle by cycle, and download the data using your web browser or more easily (if you want a long list of files/a long period) your preferred FTP software.

Now you just have to use the data!

