

A new web portal for satellite altimetry data

www.aviso.altimetry.fr



New addresses!



Website: www.aviso.altimetry.fr
User helpdesk: aviso@altimetry.fr

Discover AVISO +, the reference portal in altimetry merging the historical AVISO website from CNES and the CTOH website. You can find data, articles, news and tools to help you discover or improve your skills in the altimetry domain through four key themes: ocean, coast, hydrology and ice.

CNES/CTOH Partnership



Founded in 1961, the Centre National d'Etudes Spatiales (CNES) is the government agency responsible for shaping and implementing France's space policy in Europe. Its task is to invent the space systems of the future, bring space technologies to maturity and guarantee France's independent access to space.



The CTOH is a French Observation Service dedicated to satellite altimetry studies. The CTOH aims to help scientific users develop new altimetric products and applications. Established in 1989, the CTOH is an INSU service, supported by the Centre National de la Recherche Scientifique (CNRS), Centre National d'Etudes Spatiales (CNES), Observatoire Midi-Pyrénées (OMP), Pôle Océan-Altitude-Climat (CPER).

From AVISO to AVISO+

AVISO is the showcase of CNES activities in altimetry. Indeed, the altimetric products processed by the SALP service from CNES (Service d'Altitude et de Localisation Précise) are distributed via AVISO portal since 1998. In recent years, AVISO has become a reference in international oceanographic and altimetric communities with more than 5,000 registered users. In 2014 AVISO opens to wider applications than the ocean themes. Thus becoming AVISO +, the portal opens to hydrology / coastal / ice and merges with the CTOH website to provide users with more operational and demonstration products, and expertise in a new website.

Here is the new symbol of AVISO + :

- 4 key themes (Ocean / Coast / Hydrology / Ice)
 - 2 complementary processing centers (Operational CNES / Research CTOH)
- a shared vision and commitment to study of Earth from space and water issues, in all its forms.



Website new features

New entries: Faster access to data, news and indicators on the home page. New general organization and new pages (CTOH, radiometry, SWOT, AVISOcean, etc.), new footer with many tools.

Customizable homepage: The new home page consists of blocks called « widgets » that you can rearrange with a « Click & Drop ». You can reset or add a widget (profiles « User » and « General public » offer a predefined organization). All changes are automatically saved in cookies on your computer. So you create your own AVISO+.

Guide product search: A guide form help you searching the right product corresponding to your need. A result list is updated according to your selection criteria.

New AVISO+ gallery: The AVISO+ gallery gathers a selection of images, videos and documents about altimetry and its applications in a new convenient interface.



ODES (Online Data Extraction Service) for research and operational users

Interactive web portal to distribute Level2 / level 2+ altimetry products from CNES (GDR, PISTACH, PEACHI, etc...) and LEGOS/CTOH (X-Track)

- Handle 60+ years of cumulated data (data volume, heterogeneity)
- Temporal / geographical and parameters extractions
- Fast and interactive data exploration and extraction
- User friendly map interface and intuitive MMI
- New products added regularly

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

AVISOcean, new version



The application AVISOcean also has a new look and new contents: more updated information & news to stay connected! Available on Apps Store and Google Play in Feb. 2014.

AVISO+ Meetings

New interface to submit abstracts and design scientific program

<http://meetings.aviso.altimetry.fr>