

The Satellite Altimetry Yellow Pages

The degree of maturity that satellite altimetry missions have now reached makes it necessary to clearly identify and list the applications of these highly effective ocean-observing systems as well as the key players involved. That is why we decided to create a directory of Yellow Pages to serve as **a professional guide for satellite altimetry users.**

Search Form

Key Player: Mission leader, Outreach, Instrument expertise, Archive data center, **Research**, Operational services

Altimetry Missions: Topex/Poseidon (1992...), Jason-1 (2001...), ERS-1 (1991/1996), ERS-2 (1995...), ENVISAT (2002...), Seasat (1978), Geosat (1985/1989)

Applications: Vessel routing, Mean Sea Surface, Ocean tides

Display short results

Narrow your search

for Yellow Pages

User name: _____

Laboratory / Working group: _____

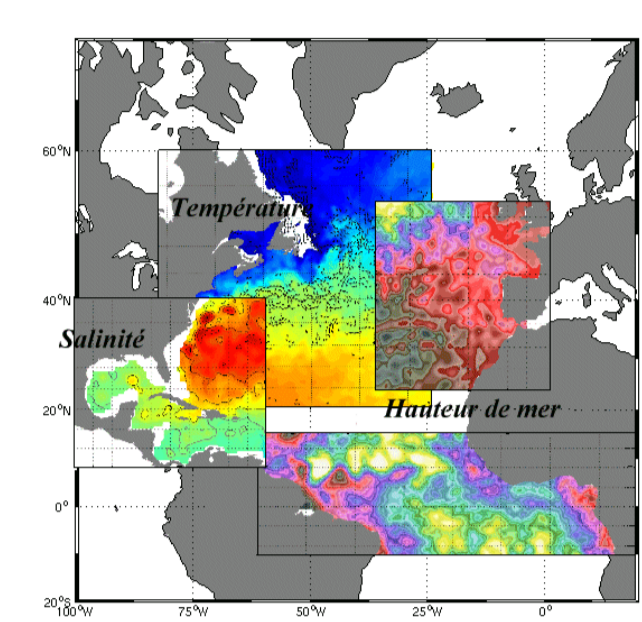
Geographical area: Global, Regional / Atlantic Ocean, Regional / Gulf of Mexico

Project: Mercator

Status: Research, Operational, Under development

Public: Advanced, Easy understanding, User, Education, Media

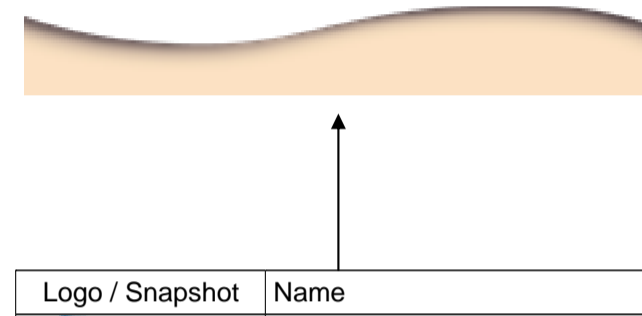
Ocean analysis and forecasts - the MERCATOR bulletin



MERCATOR ocean bulletin closes gap
The French MERCATOR project sponsors an operational basis weekly ocean bulletin which bring us a continuous three-dimensional picture of the ocean and other features for the next two weeks, based on satellite and microwave data (operational altimetry satellites like TOPEX/POSEIDON, ERS and Jason and ENVISAT, in addition to measurements from in situ observations).

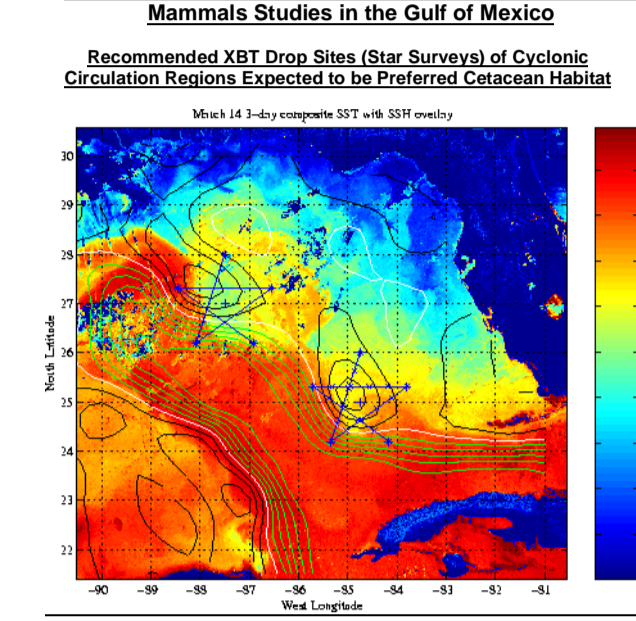
The first MERCATOR ocean bulletin issued by French new ocean forecasting centre, on the 12 January 2001, covers the North and Tropical Atlantic (20°E - 70°W) at a resolution of 1° (i.e. about 30 kilometers). The MERCATOR is going a lot further, as over the next three years, it will progressively extend its range of services, providing global coverage and improved resolution.

The operation marks a major step forward for operational oceanography.
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Logo / Snapshot Name
MERCATOR

Oceanographic Habitat Analysis for MMS/UMFS Marine Mammals Studies in the Gulf of Mexico



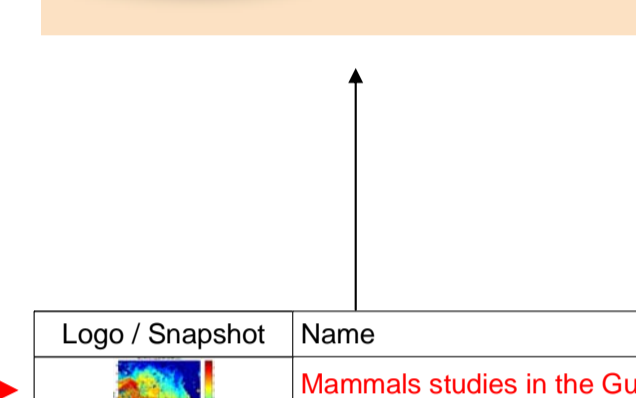
Recommendations for Data Users: Summary of Current Oceanographic Studies Related to the Eastern Canadian Habitat
March 18 - 19, 2001, 10:00 AM - 12:00 PM

The US Marine Management Service (MMS) in a cooperative venture with the US National Marine Fisheries Service (NMFS) is conducting studies on sperm whales and deepwater humpbacks in the Gulf of Mexico. Oceanographic habitat analysis is being provided by a consortium between the University of Colorado Center for Astrodynamics Research (CCAR) and Texas A&M University Department of Oceanography (TAO).

As the visual shown above demonstrates, the CCAR/TAO cooperation provides near real-time analyses of Sea Surface Temperature (SST), courtesy of JPL/NASA, overlaid with Sea Surface Height (SSH). The data is an operational product provided by CCAR using data from TOPEX/POSEIDON and ERS-2 altimetry. The images show some good suggested locations for SST surveys of sea systems features with the NOAA Ship Center Center scheduled to operate around 17 March '01 to 3 April '01. The application of remote sensing provided a "tools" need for marine mammal biologists working aboard the vessel to locate systems (biological "habitats") and acoustics (whales).

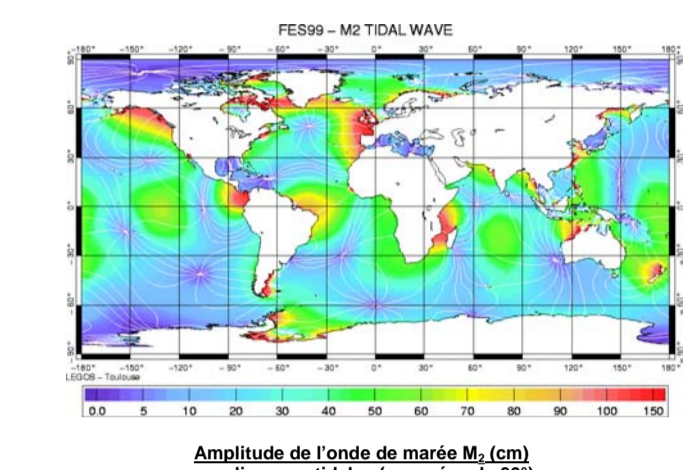
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Logo / Snapshot Name
Marine mammals studies in the Gulf of Mexico

Modélisation de la marée océanique à l'échelle globale

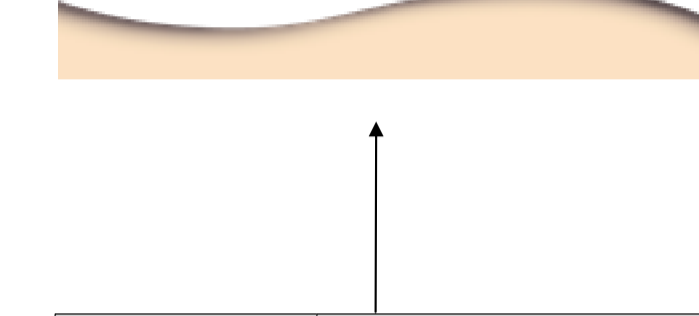


Analysés de l'état de marée M. Lemoine
2001-03-08 10:00 AM - 11:00 AM

Basées sur un modèle hydrodynamique, les solutions FES (Finite Element Solution) fournissent aux communautés scientifique, militaire et industrielle des solutions globales de marées à l'échelle globale.

La méthodologie de la modélisation basée sur les éléments finis et l'assimilation de données bathymétriques et océanographiques permet d'obtenir des solutions globales de marée de précision centimétrique en plein océan et documentée en zones côtières.

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Logo / Snapshot Name
Ocean tides



Yellow Pages are developed for satellite altimetry users.

- A reference tool recognized internationally by target audience
- Increase the visibility of everyone's activity and assess its usefulness based on the follow-up of the Yellow Page contacts
- Facilitate the organization of diverse programs by forging ties and exchanges of information

Yellow Pages are developed by satellite altimetry users.

- You register your project and fill in a complete form, the Yellow Page form to ensure a wider audience to your mission, work...
- Yellow Pages give an inventory and an historical review of applications and people involved
- You get the credit for development of applications

Yellow Page database

This directory is hosted and maintained by CNES/CLS and NASA/JPL.

from the beginning until now and into the future...

Who is the audience, Who are the authors ?

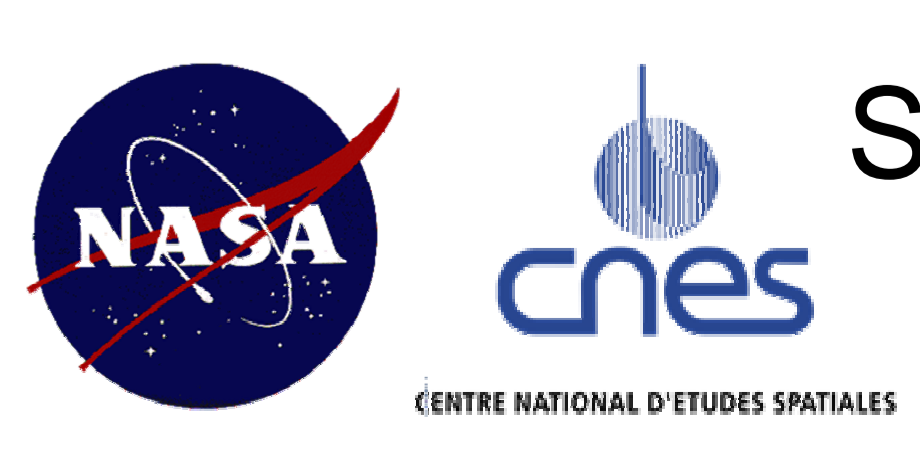
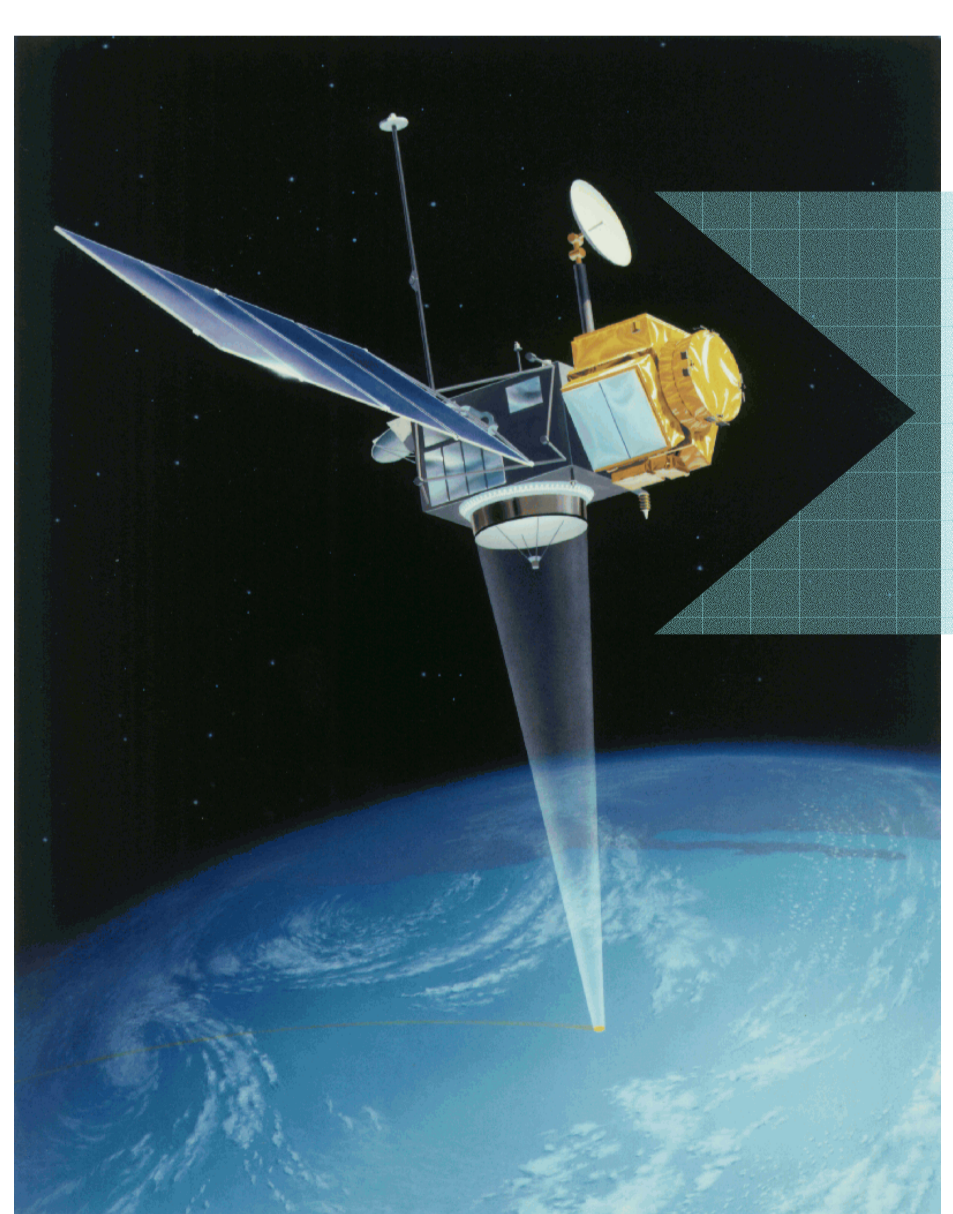
from the satellite to the final user

The Yellow Page submission form

Baseline: relevant and well-organized information, updated regularly, and delivered on various media (hardcopy, CD-ROM, online)

<p>Individual part</p> <p>Name Research or operations area How long involved in this work Working group section: Contact Information (Address, Phone, Fax, Email)</p> <p>Activities part</p> <p>Mission / Project / Application / End Use See above query and results for illustration</p> <p>Products part</p> <p>Inputs and Outputs (data, expert's report, study)</p>	<p>Geographical area(s) of interest</p> <p>Global Regional (please specify...)</p> <p>Status</p> <p>Research Operational Under development</p> <p>Public / Understanding level</p> <p>Who is the target audience ?</p>	<p>Keyword selection for the Application field</p> <p><input type="checkbox"/> Ocean science <input type="checkbox"/> Climate <input type="checkbox"/> Monitoring and Forecast <input type="checkbox"/> Large scale circulation and variability <input type="checkbox"/> Ocean variability and seasons <input type="checkbox"/> Ocean currents and eddies <input type="checkbox"/> Orbit <input type="checkbox"/> Geophysics <input type="checkbox"/> Atmosphere <input type="checkbox"/> Tides</p> <p><input type="checkbox"/> Ice <input type="checkbox"/> Mean Sea Level <input type="checkbox"/> Wind / Wave / Marine Meteorology <input type="checkbox"/> El Niño / La Niña / tropical variabilities <input type="checkbox"/> Multi sensors <input type="checkbox"/> Calibration / Instrument <input type="checkbox"/> Modeling and data assimilation <input type="checkbox"/> Regional and coastal studies <input type="checkbox"/> Marine mammal research <input type="checkbox"/> Ship routing <input type="checkbox"/> Other</p>
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+++ Send a two page description +++



Simply complete a form to ensure a wider audience for your mission, work...
For more information please contact F. Blanc or M. Srinivasan (mailto: lead-outreach@jason.oceanobs.com)