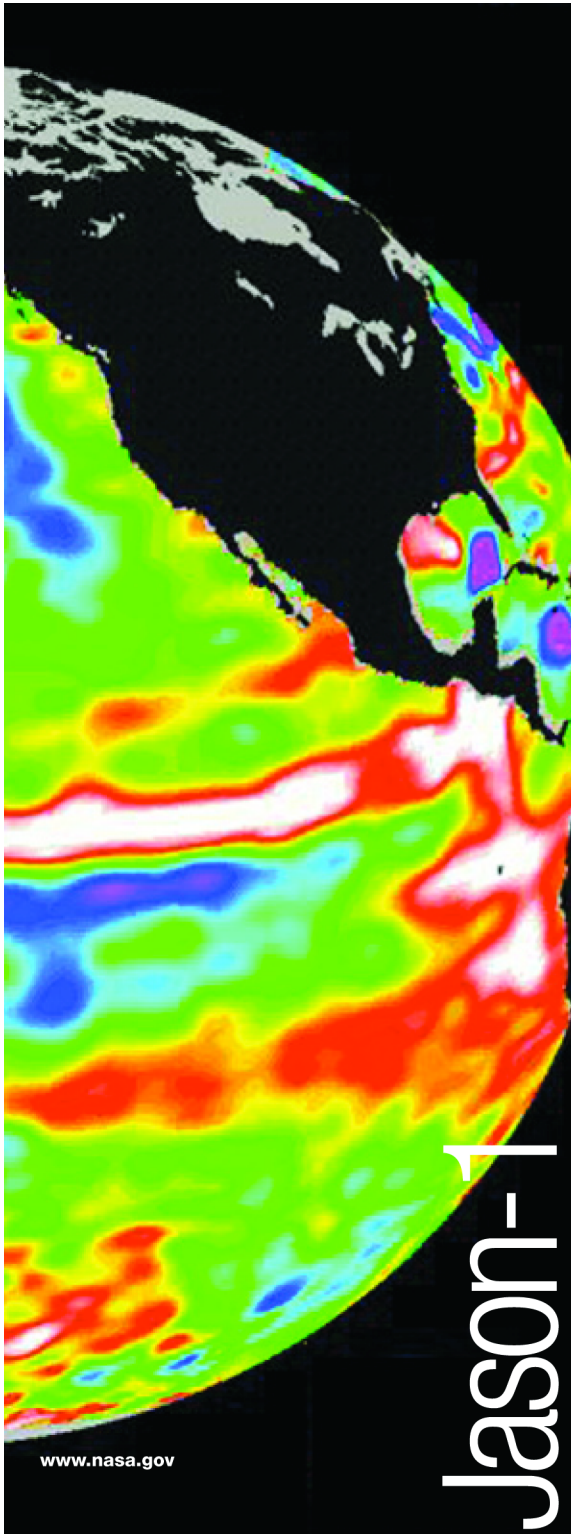
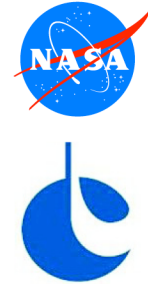




National Aeronautics and
Space Administration



CENTRE NATIONAL D'ÉTUDES SPATIALES

What you should know about the ocean

Seven Essential Principles

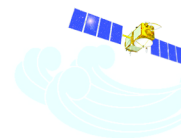
1. Earth has one big ocean with many features.
2. The ocean and life in the ocean shape the features of Earth.
3. The ocean is a major influence on weather and climate.
4. The ocean makes Earth habitable.
5. The ocean supports a great diversity of life and ecosystems.
6. The ocean and humans are inextricably linked.
7. The ocean is largely unexplored.

Understanding the science behind ocean circulation

Jason-1 is an Earth-orbiting satellite designed to make precise measurements of sea-surface height. Data and information from Jason-1 are being used for scientific research and operational applications ranging from climate studies, to ship routing, yacht race support, and basic science education. Jason-1 is a joint venture between NASA and France's Centre National d'Études Spatiales (CNES). Through education and public outreach, Jason-1 supports the development of an ocean-literate society. Ocean literacy is an understanding of the ocean's influence on you and your influence on the ocean.

An ocean-literate person:

- understands the Essential Principles, and fundamental concepts about how the ocean functions;
- can communicate about the ocean in a meaningful way;
- is able to make informed and responsible decisions regarding the ocean and its resources.



**Jason-1 5th Anniversary
2001-2006**

<http://sealevel.jpl.nasa.gov>

Jet Propulsion Laboratory
California Institute of Technology
Pasadena, California

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