DATA & APPLICATIONS ONLINE

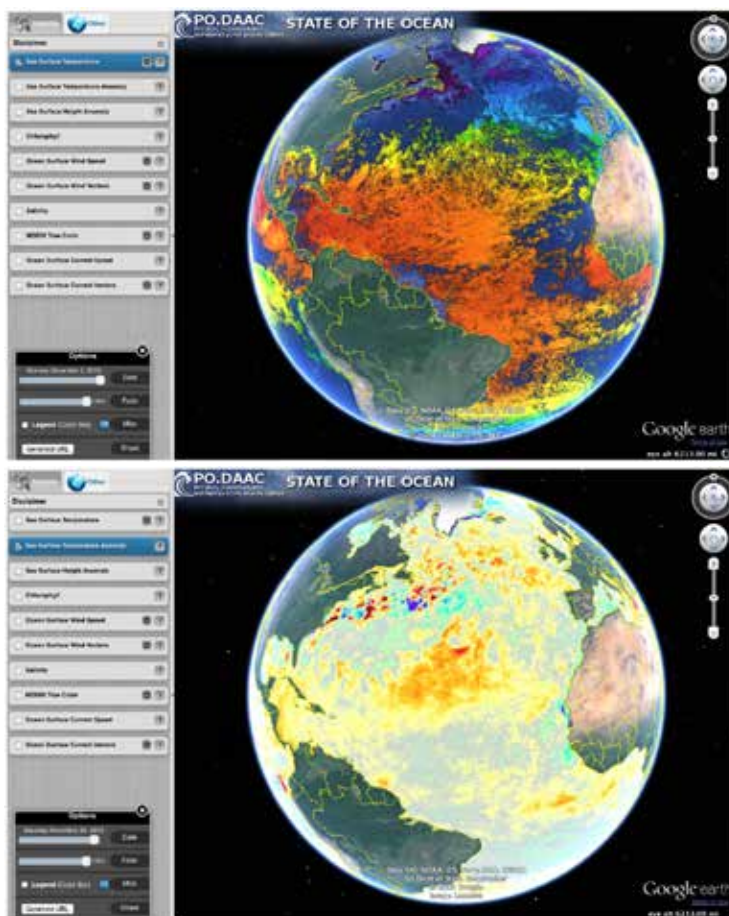## State of the Ocean (SOTO)

Overview

The Physical Oceanography Distributed Active Archive Center (PO.DAAC) State of the Ocean (SOTO) tool is an enhanced Google Earth-based web interface and imaging system. It allows users to select near real-time oceanographic data displayed on a virtual globe. Geophysical parameters available for interactive viewing are extracted from ocean science data products archived at PO.DAAC.

Key Features

- Parameters include sea surface temperature and anomaly, sea surface height anomaly, chlorophyll, winds, and salinity.
- Imagery for both swath and gridded data are available at multiple spatial resolutions.
- Overlays are available for daily buoy data, ocean storm tracks, US coastal surface currents, and MODIS 250m true color data.
- A help section for each parameter provides a brief description of the dataset(s) and how the image was generated as well as link(s) to access the data and additional information.

Access

- To access SOTO, go to http://podaac-tools.jpl. nasa.gov/soto/
- SOTO will prompt the user to download the Google Earth Plugin if it is not accessible by the user's web browser.

Physical Oceanography DAAC
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EOSDIS DAACs
PO.DAAC is one of twelve NASA Earth Observing System Data and Information System (EOSDIS) Distributed Active Archive Centers (DAACs).

To learn more about data and tools available from EOSDIS, go to earthdata.nasa.gov.

IS-2014-4-144-GSFC