**DATA & APPLICATIONS ONLINE**

**Group for High Resolution Sea Surface Temperature (GHRSST)**

**Overview**
The Group for High Resolution Sea Surface Temperature (GHRSST) Project is an international collaboration to produce global (and regional), multi-sensor, high-resolution near real-time and retrospective SST products. These are derived from measurements made by infrared and microwave sensors onboard several Earth satellite platforms. The GHRSST Global Data Assembly Center at the NASA JPL Physical Oceanography DAAC (PO.DAAC) integrates the data products produced from several regional data assembly centers around the world and distributes them to the global science and application communities.

**About the Data**
Near real-time Level-2 Preprocessed (L2P) swath and Level 3 (L3) gridded SST datasets are produced for specific sensors, along with Level 4 (L4) blended datasets made by combining data from different instruments. The products are available in netCDF format and include uncertainty statistics and other ancillary information. Over 60 GHRSST datasets with different processing levels, spatial/temporal resolutions and spatial coverages are available. The GHRSST data collection spans 1981 to the present.

- **L2P products**: Coverage: Global & regional Resolution: 0.8-25 km depending on sensor (e.g., 1 km for MODIS and AATSR, 25 km for AMSR-E and TMI); 15 minutes to daily refresh
- **L3 and L4 products**: Coverage: Global & regional Resolution: 0.01-0.25 degree grids; Daily & monthly
- **GHRSST Project**: http://www.ghrsst.org
- **PO.DAAC portal to the GHRSST Project**: http://ghrsst.jpl.nasa.gov
- **For recent GHRSST Webinars**: http://tinyurl.com/earthdatawebinar

**Data Access**
Datasets are available through ftp://podaac.jpl.nasa.gov/allData/ghrsst, although only a limited time series of L2P data are available at this site. Historical data, including L2P, that are at least 30 days old are available at the GHRSST Long Term Stewardship and Reanalysis Center (LTSRF): http://ghrsst.nodc.noaa.gov.

**References**