Access

- The following table presents a list of available satellite sensors, any associated cost, how to search for the data, and whether sample data are available

- Listed are only the most commonly used data for land surface studies

Satellite	Sensors	Data Center	Policy	Search Tool	Sample Data?
ADEOS-1	AVNIR-1	RESTEC	cost	Search Service	sample images
ALOS	AVNIR-2	RESTEC	cost	AUIG, CROSS	yes
CBERS-1	CCD, IRMSS	CBERS Page	some free	CDSR	open archive
CBERS-2	CCD, IRMSS	CBERS Page	most free	CDSR	open archive
CBERS-2B	CCD	CBERS Page	most free	CDSR	open archive
EO-1	ALI, Hyperion	EROS	cost	GloVis	yes
IRS-1A	LISS-I, LISS-II	NRSC	cost	Int Resellers	no
IRS-1B	LISS-I, LISS-II	NRSC	cost	Int Resellers	no
IRS-1C	LISS-IIIA	NRSC	cost	Int Resellers	yes
IRS-1D	LISS-IIIA	NRSC	cost	Int Resellers	yes
IRS-P2	LISS-IIIA	NRSC	cost	Int Resellers	yes
IRS-P6	LISS-IIIB, AWiFS	NRSC	cost	Int Resellers	yes
JERS-1	OPS	RESTEC	cost	Search Service	sample images
Landsat 1	MSS	EROS, other	free	EE GloVis, ESDI	open archive
Landsat 2	MSS	EROS, other	free	EE GloVis, ESDI	open archive
Landsat 3	MSS-B	EROS, other	free	EE GloVis, ESDI	open archive
Landsat 4	MSS, TM	EROS, other	free	EE GloVis, ESDI	open archive
Landsat 5	MSS, TM	EROS, other	free	EE GloVis, ESDI	open archive
Landsat 7	ETM+	EROS, other	free	EE GloVis, ESDI	open archive
SAC-C	HRTC	CONAE	free	SAC-C Catalog	open archive
SPOT-1	HRV	SPOT Image	cost	SIRIUS	sample images
SPOT-2	HRV	SPOT Image	cost	SIRIUS	sample images
SPOT-3	HRV	SPOT Image	cost	SIRIUS	sample images
SPOT-4	HRVIR	SPOT Image	cost	SIRIUS	sample images
SPOT-5	HRG	SPOT Image	cost	SIRIUS	yes
Terra	ASTER	LPDAAC	cost	GloVis, GDS, WIST	yes

GEOSS

- The Global Earth Observing System of Systems (GEOSS) allows searching for many of these resources through its GEO Portal
- http://www.geoportal.org/
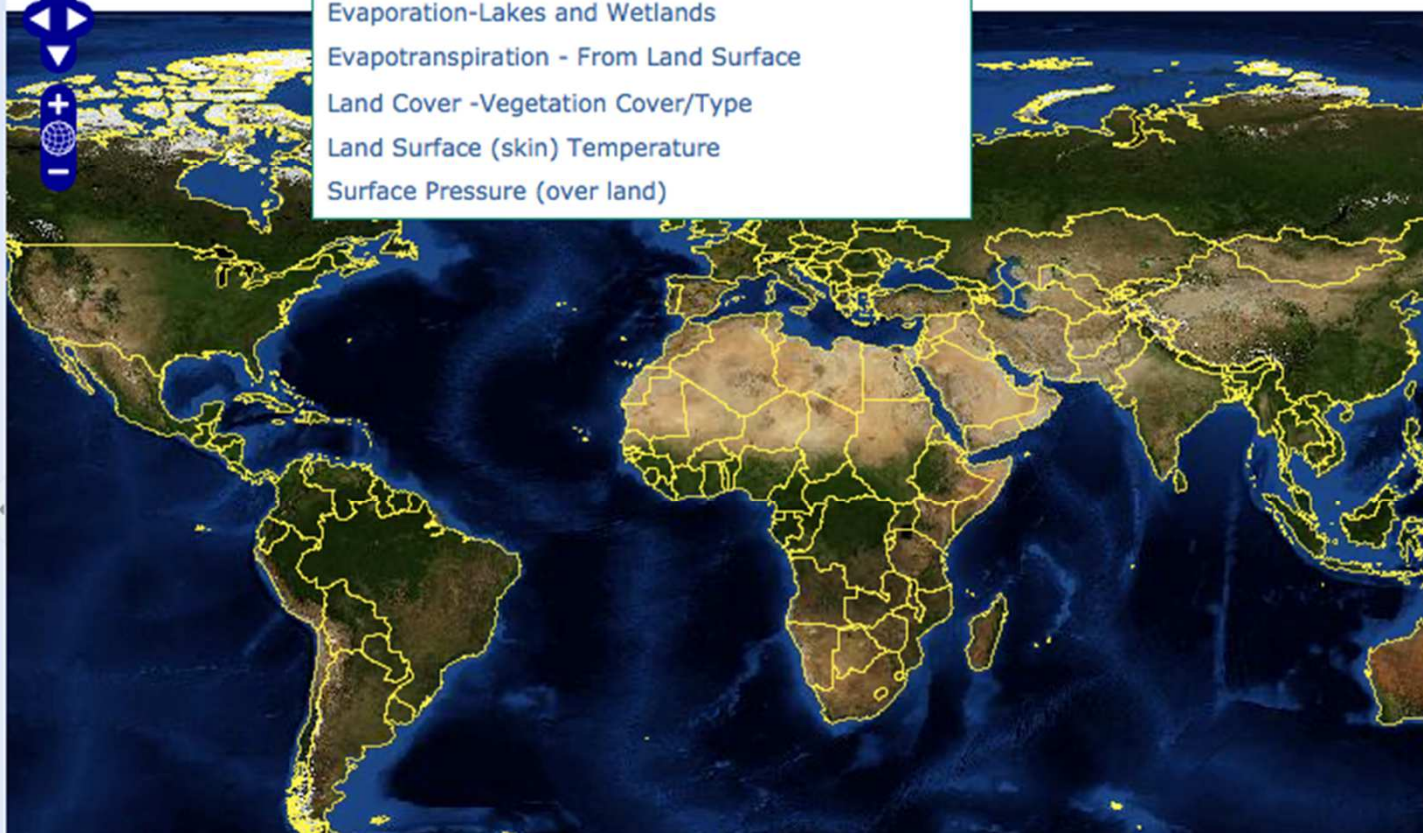
GEONETCast

- A global network of satellite-based data dissemination systems utilizing geostationary satellite broadcasts and inexpensive ground stations

- Primarily aimed at less developed or remote locales that lack internet

- Available data includes:
  - Meteosat image data, NOAA and EUMETSAT meteorological products, Ocean colour and sea surface temperature products, SPOT vegetation products from VITO

Near-Real Time Data

- Driven by the needs of weather prediction, disaster response and planning, NASA makes preliminary versions of some data available in less than 2.5 hrs from the time of observation.
- Data can be visualized or accessed directly via ftp and web services
- When visualized, can request JPEG, KMZ file for GoogleEarth or GeoTIFF file

Near Real-Time Data [1]

Land Atmosphere Near Real-Time Capability for EOS

ESDIS provides access to near real-time products from the MODIS, OMI, AIRS, and MLS instruments in less than 2.5 hours from observation from the Land and Atmosphere Near real-time Capability for EOS (LANCE). The system supports application users who are interested in monitoring and analyzing a wide variety of natural and man-made phenomena. Data are freely available after self-registration [2].
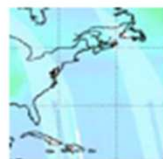
[3] [4]

📁 Download Data   🌐 Visualize Data

Feedback

AIRS & MLS [5]

L1 and L2 AIRS products are available from the Aqua spacecraft and, in cooperation with the Science Team, L2 ozone and atmospheric MLS products are available from the Aura spacecraft.

MODIS Land & Atmosphere [6]

[6]

A range of Level 1 (L1), L2, and L3 atmosphere and land products are available from the Aqua and Terra spacecraft including aerosols, fire, snow/sea ice, and land surface reflectance and temperature.

OMI [7]

[7]

L2 and L3 products are available from the OMI instrument on the Aura spacecraft including ozone columns, aerosols, clouds, surface UV irradiance and Sulfur Dioxide.

Rapid Response [8]

[8]

A wide range of L2 imagery are available from the MODIS, AIRS and OMI instruments through a WMS. All products are also available through a Google-based State-of-the-Earth display.

Europe_3_01 Subsets

Return to Subsets

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Usage Guidelines

Date: 2012/318 - 11/13

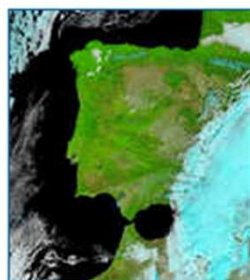|			
Date: 2012/318 - 11/13 Pixel size: 2km | 1km | 500m | 250m True Color Satellite: Terra	**Date: 2012/318 - 11/13** Pixel size: 2km | 1km | 500m | 250m 7-2-1 Satellite: Terra	**Date: 2012/318 - 11/13** Pixel size: 2km | 1km | 500m | 250m 3-6-7 Satellite: Terra	**Date: 2012/318 - 11/13** Pixel size: 2km | 1km | 500m | 250m NDVI Satellite: Terra
Date: 2012/318 - 11/13 Pixel size: 2km | 1km | 500m | 250m True Color Satellite: Aqua	**Date: 2012/318 - 11/13** Pixel size: 2km | 1km | 500m | 250m 7-2-1 Satellite: Aqua		**Date: 2012/318 - 11/13** Pixel size: 2km | 1km | 500m | 250m NDVI Satellite: Aqua
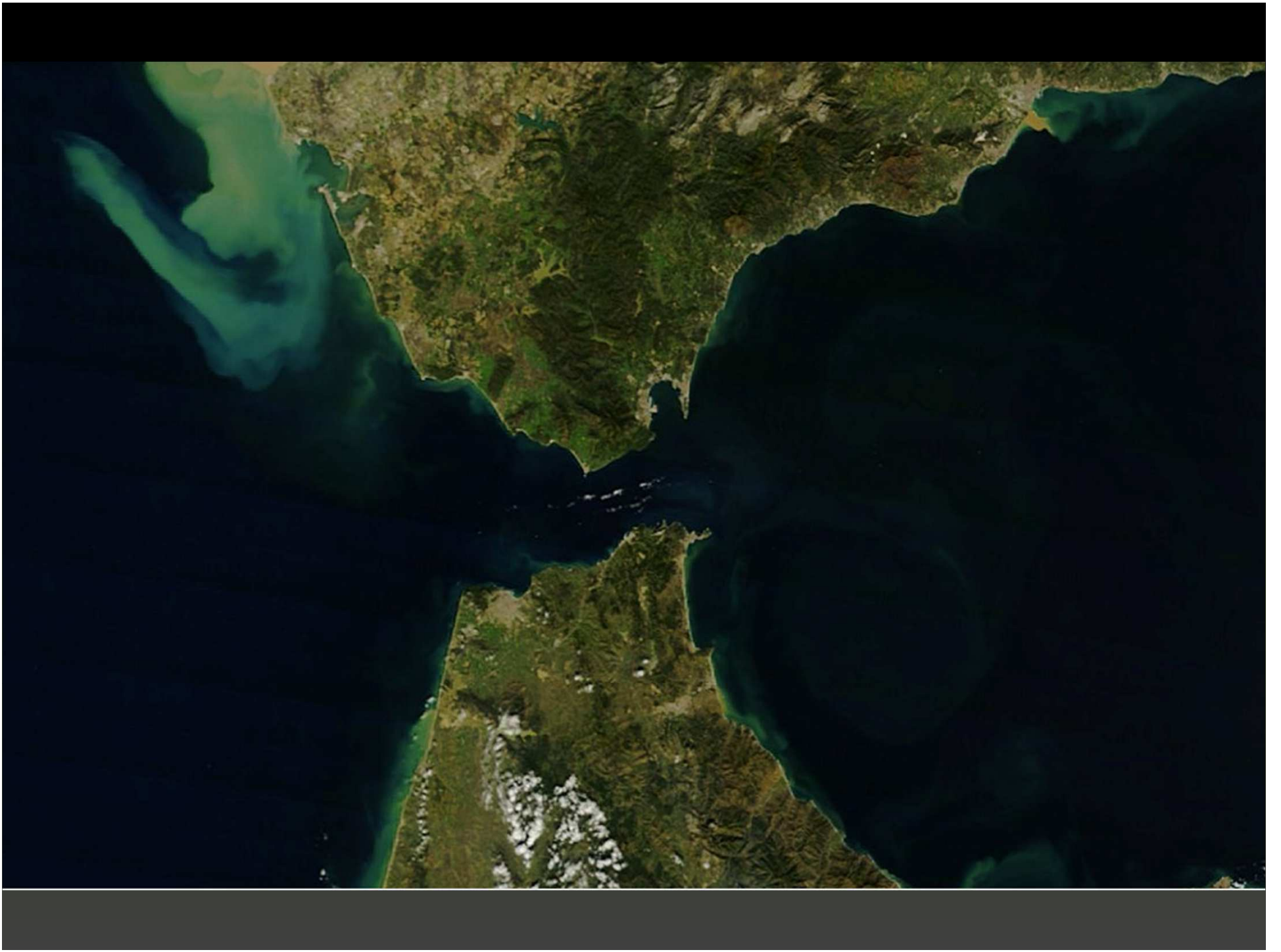
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