



Where can I find more information and data?

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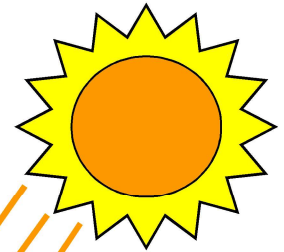
<http://bioval.jrc.ec.europa.eu/>



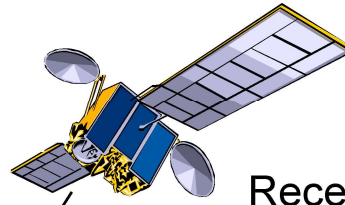
System overview

3 Satellite & Sensors

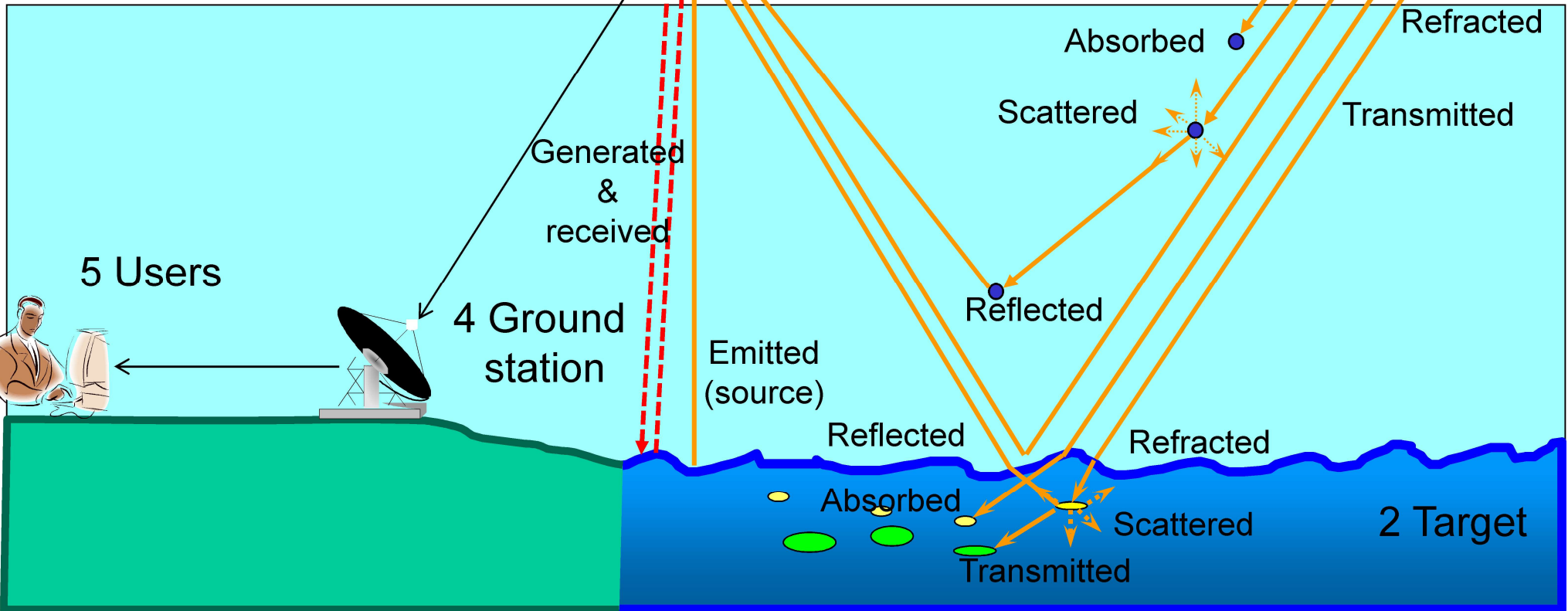
1 Source



Emitted



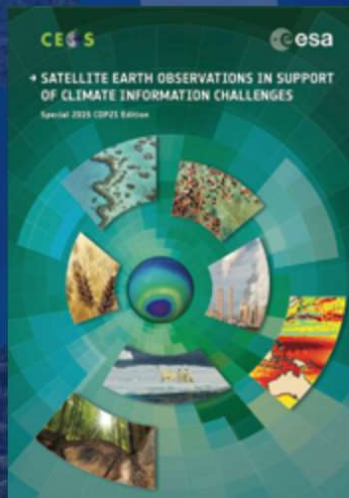
Received





THE EARTH OBSERVATION HANDBOOK

The CEOS Earth Observation Handbook presents the main capabilities of satellite Earth observations, their applications and a systematic overview of present and planned CEOS agency Earth observation satellite missions and their instruments.



CLIMATE

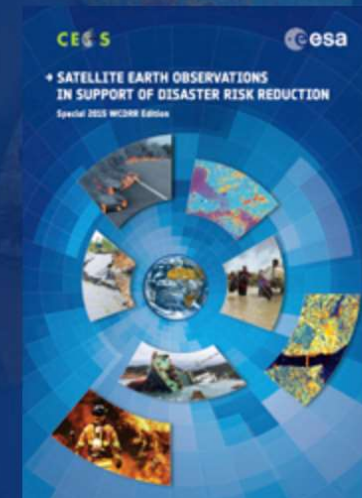
This edition was prepared for the COP21 meeting in late 2015 to help develop a broader understanding of the fundamental importance of satellite EO to the information needed to inform our climate policies on all scales. This report explores how satellite EO can contribute to the challenges of providing the information that society needs in order to accurately characterise the nature of changes to our climate and to help define the most cost-effective strategies for mitigation and adaptation.

[Read more >>](#)

DISASTERS

This edition was prepared for the World Conference on Disaster Risk Reduction in early 2015 and explores how satellite EO can contribute to the related information challenges, across a range of different countries and addressing varying capacity and infrastructure. It also highlights some of the main capabilities of satellite EO, their applications, and the challenges in converting information collected in space into knowledge for disaster risk reduction.

[Read more >>](#)



http://database.eohandbook.com



Updated for 2016

THE CEOS DATABASE

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EO Handbook

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Overview
Timelines

Other
Agencies
Climate

CEOS MISSION, INSTRUMENTS AND MEASUREMENTS DATABASE ONLINE

 **New! CEOS Database Climate Chapter**
>> CEOS Earth Observation Satellite Database

Welcome to the CEOS Missions, Instruments and Measurements database online.

This database is updated annually based on a survey of **CEOS** member space agencies and has a number of applications.

- Information sharing in support of the coordination of future Earth observation mission, instrument and measurements plans.
- Earth observation measurement gap analysis - including that performed by the **CEOS Systems Engineering Office (SEO)**.
- A connection between the Earth observation user community and satellite-operating agencies of CEOS.
- Generation of content for the print edition of **The Earth Observation Handbook**.

The most recent update of the database was completed in October 2015.

- Agencies** Agency **table** with links to agency summary pages.
- Missions** **Table** Searchable mission table with links to mission and instrument summary pages.
Index An alphabetical list with links to mission summary pages.
- Instruments** **Table** Searchable instrument table with links to instrument and mission summary pages.
Index An alphabetical list with links to instrument summary pages.
- Measurements** **Overview** An overview of the measurement categories and detailed measurements indexed in the database.
Timelines Customizable measurement timelines with links to mission summary pages.
- Climate** **Overview** An overview of satellite contributions to climate monitoring in support of GCOS.
Index An index of GCOS Essential Climate Variables linked to actions, status, and satellite measurements.



Sentinels Scientific Data Hub



Welcome to the Sentinels Scientific/Other use Data Hub

The [Sentinels](#) Scientific Data Hub provides complete, free and open access to [Sentinel-1](#) and [Sentinel-2 user products](#), starting from the In-Orbit Commissioning Review (IOCR).



Scientific Hub



API Hub



S-2 PreOpsHub



User Guide



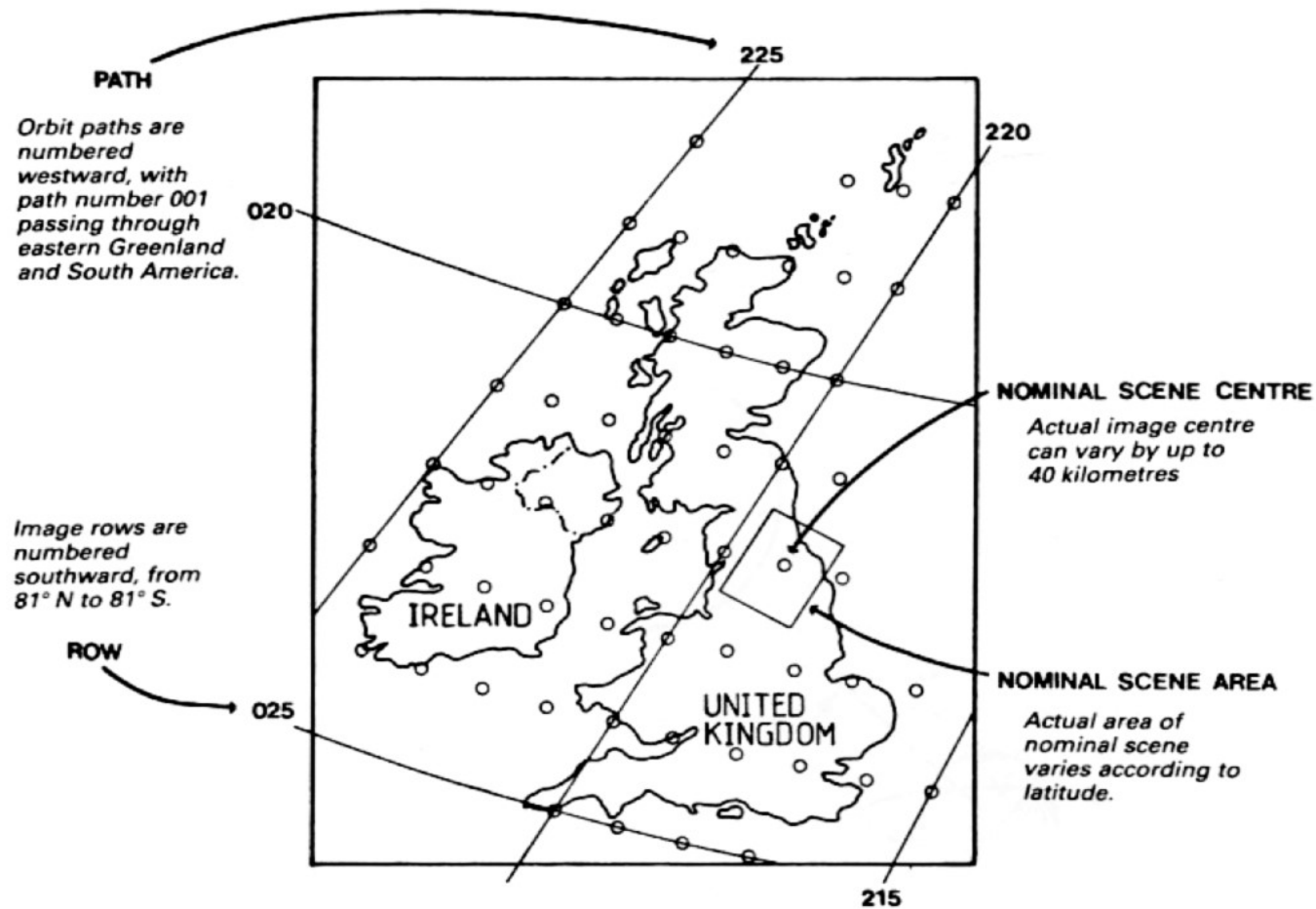
Roadmap

Access Points

<https://scihub.copernicus.eu>

Acquiring data

- The Framed World Concept



Earth explorer <http://earthexplorer.usgs.gov/>



USGS Home
Contact USGS
Search USGS

EarthExplorer

Home 1 New System Message

Login Register Feedback Help

Search Criteria Data Sets Additional Criteria Results

1. Enter Search Criteria

To narrow your search area: type in an address or place name, enter coordinates or click the map to define your search area (for advanced map tools, view the [help documentation](#)), and/or choose a date range.

Address/Place Path/Row Feature Circle

Coordinates Shapefile KML

Degree/Minute/Second Decimal

No coordinates selected.

Date Range Result Options

Search from: 01/01/1920 to: 12/31/2020

Search months: (all)

Search Criteria Summary (Show)

Clear Criteria



NASA's Earth Observing System

<https://earthdata.nasa.gov/earth-observation-data>

DLR's EOWeb Portal

<https://geoservice.dlr.de/egp/>

The Amazon Web Service

<http://aws.amazon.com/public-data-sets/>
<http://sentinel-pds.s3-website.eu-central-1.amazonaws.com>

ESA Earth Observation data access portal

<https://earth.esa.int/web/guest/home;jsessionid=91627145AF656C862B7009284E88EF37.jvm1>

Google Earth Engine Explorer

<https://explorer.earthengine.google.com/>

INPE CBERS+

<http://www.dgi.inpe.br/CDSR/>

DigitalGlobe samples

<http://www.digitalglobe.com/product-samples>

SPOT World Heritage Programme

<https://www.theia-land.fr/en/products/spot-world-heritage>

Copernicus

<http://www.copernicus.eu>