

New version of Third-Party Missions data access guide

20 August 2024

ESA's Third Party Missions data access guide is now updated, providing the details of the latest data collections and changes to existing datasets.

The Third Party Missions (TPM) data access guide provides comprehensive information about data collections offered through the TPM programme (including both current and Heritage missions) and details of how to access them.

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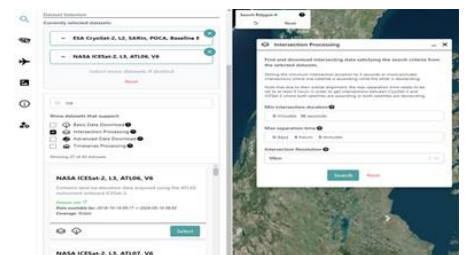


CryoSat data platform cs2eo features new interface and datasets

15 August 2024

The latest updates to cs2eo, a high performance platform to access, compare and download datasets from CryoSat, ICESat-2, CRYO2ICE, CryoVEx, Cryo-TEMPO-EOLIS and Operation IceBridge, were released on 13 August.

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LATEST DATA NEWS

Updated CryoSat-2 magnetometer data now available on Swarm dissemination server

21 August 2024

An improved version of the CryoSat-2 magnetic field data with baseline 0303 is now available on the Swarm Dissemination Server.

The new dataset is stored under the /Multimission/CryoSat-2/ folder and covers the time period from August 2010 to April 2024.

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Highlight on:

Third Party Missions data contribute to success of ESA's Global Development Assistance

22 August 2024

ESA's GDA is the Global Development Assistance programme, implemented in partnership with International Financial Institutions, to mainstream Earth Observation (EO) technology in global development operations by responding directly to their operational requirements and needs of stakeholders in developing countries. Among the initial thematic priority areas of the GDA programme, the Fragility, Conflict and Security activity aims to aid decision making in states affected by fragility, conflict and violence, by harnessing the power of Earth Observation (EO) data for development operations in fragile settings.

The Fragility, Conflict and Security thematic area within the GDA programme combines EO data, multi-source information and AI processing to assist the most vulnerable countries.



The project followed an agile approach through three iteration cycles, also using data requested through the Third Party Missions programme (TPM), which was exploited for specific use cases.

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Have data from ESA's various satellite missions benefited your work? Would you like to share the results from your research?

Contact us and we may be able to publish an article or conduct an interview related to your experience.

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UPCOMING EVENTS



16/09/2024

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02/12/2024

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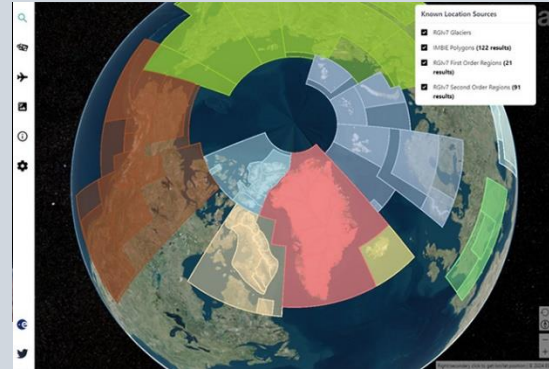
Focus on: Data portals

How to access CryoSat data

ESA's CryoSat mission has monitored Earth's cryosphere since 2010, acquiring over 14 years of data outlining changes to polar ice, sea ice, glaciers and more. Over time, applications for the mission extended to observing variations in polar oceans, monitoring inland water with rivers and lakes.

Did you know that you can access CryoSat data through the cs2eo platform?

Through cs2eo you can access, compare, and download datasets from the mission through an online interface. The platform supports geospatial and temporal queries to locate available data over a 3D model of the globe.



*Known locations feature
Credit: cs2eo.org, Earthwave*

cs2eo has a known locations feature to help find areas of interest and can generate time series of elevation change over land ice using CryoSat swath processed observations.

In addition, the platform offers data from NASA's ICESat-2, the CryoTEMPO-EOLIS project, and the CRYO2ICE, CryoVEx and Operation IceBridge campaigns.

A [cs2eo survey](#) is currently open, inviting feedback on the platform and suggestions on new features. The survey will be open until 30 September.

Visit cs2eo today to explore this consolidated repository of cryospheric data.

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