

# EARTH ONLINE

## NEWSLETTER

26 August 2022

### A new look for ESA's eoPortal

23 August 2022

A new version of ESA's eoPortal launched on 22 August.

The eoPortal contains an extensive directory of articles on international Earth observation satellite missions and sensors, all of which authored by Dr Herbert Kramer.

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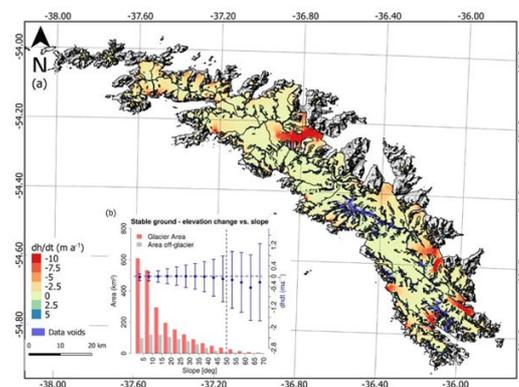


### Tracking mountainous glaciers using TanDEM-X

25 August 2022

Sudden collapse of glaciers, such as the tragedy in the Marmolada glacier in the Italian Dolomites this summer, highlight the importance of keeping a watchful eye on glacial melt.

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## LATEST DATA NEWS

#### New SnowLab campaign dataset released

8 August 2022

A new dataset has been released for the SnowLab campaign, which took place between 2015 and 2019 in Switzerland.

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#### Additional EFI TII Cross Track Flow dataset 302 available for Swarm

19 August 2022

Additional TII cross-track flow data are now available on the Swarm dissemination server for all the Swarm satellites.

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Highlight on:

## Satellites reveal changes to Earth's icy zones

16 August 2022

ESA's Earth observation activities are helping scientists investigate the influence of climate change on widespread ice-losses across the planet.

The frozen parts of the world – including sea ice, ice sheets and glaciers, as well as snow, permafrost and frozen water bodies – are known collectively as the cryosphere.



Earth's polar regions are an important part of the cryosphere, but it also comprises of snowy and icy places between the two poles.

These ice-covered areas are a key part of the climate jigsaw, being an important indicator of the long-term changes impacting the planet.

In addition, ice-losses around the world driven by warming global temperatures have impacts that are felt across each of Earth's systems.

The bright white surface of frozen water reflects a large portion of incoming solar radiation back to space, playing a vital role in global temperature regulation. Some parts of the cryosphere – such as glaciers and icesheets – also influence sea levels by storing huge amounts of water for long periods of time.

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## UPCOMING EVENTS



07/11/2022

VH-RODA Workshop 2022  
Abstract submission closes on 26  
September

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### Focus on: Data access

## How to access Campaign data

ESA conducts airborne and ground-based campaigns to support the development of new instruments, and calibration and validation of existing instruments. These campaigns simulate satellite-based instruments and are conducted all over the world in support of a wide range of applications.

Did you know that data from these campaigns are freely offered for download?

Datasets are available for campaigns dating back to 1995, and new campaigns are regularly added.

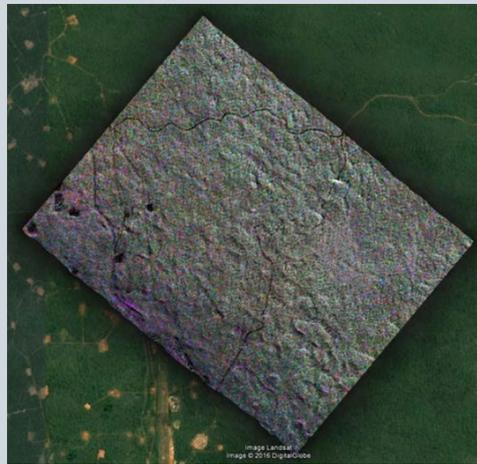
The datasets are suitable for different applications, such as a reference for calibration and validation, simulated datasets for upcoming missions such as Hydroterra, and experiments with new instruments and studies.

To download the data, follow the data access request link on the campaign pages. An active EO-Sign In account is required to submit the request. After your request is submitted, instructions on how to download the dataset will then be provided via email.

[Discover the archive of campaigns](#)



*Antarctica, as seen during the CryoVEx 2017 campaign*



*PolInSAR image of Gabon, produced in the AfriSAR campaign*

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