

EARTH ONLINE

NEWSLETTER

8 July 2022

Pléiades Neo captures ESA Team Day event

27 June 2022

ESA recently organised a Team Day on all of its sites. In the Netherlands, at the European Space Research and Technology Centre (ESTEC), about 2000 staff created a human formation of the ESA logo. Pléiades Neo was used to task an acquisition at that time, with excellent results.

[READ MORE](#)



WorldView-3 helps to track offshore methane plumes from oil and gas

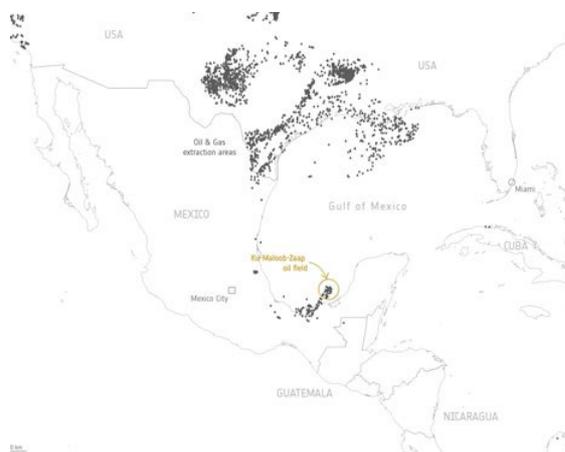
6 July 2022

Scientists have used Earth observation data to reveal enormous methane plumes spilling out from an offshore oil and gas production rig in the Gulf of Mexico.

This represents a significant breakthrough in the monitoring of industrial methane emissions from space.

The analysis – led by scientists from the Universitat Politècnica de València – drew on data from the WorldView-3 satellite, which were delivered on a free basis via ESA's Third Party Missions programme.

[READ MORE](#)



LATEST DATA NEWS

New CryoSat-2 Quaternions Product Now Available

27 June 2022

As of 24 June 2022, ESA has released a new CryoSat-2 Quaternions Product. This product contains the attitude quaternions in the Geocentric Mean of 2000 Inertial Coordinate Frame for the CryoSat-2 mission.

[READ MORE](#)



Highlight on:

Transforming space data into climate action

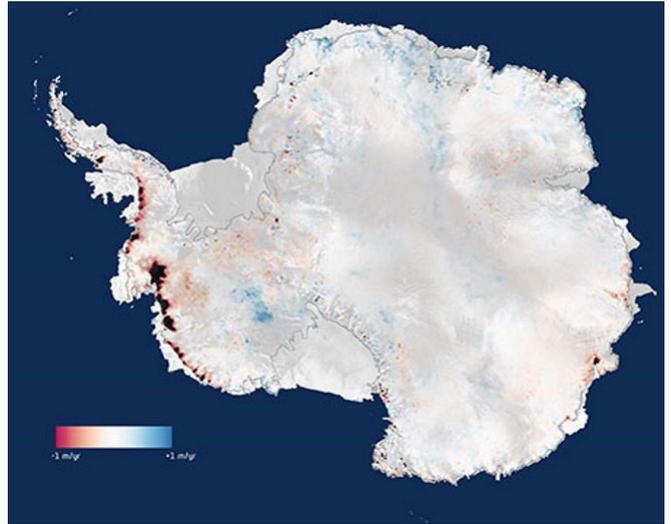
30 June 2022

ESA's Earth observation activities are playing a key role in the revitalised global drive to combat climate change.

A growing number of scientists from around the world are using freely available data from the agency's remote sensing archives to improve their understanding of Earth's evolving environment.

This information is helping businesses, governments and communities to shape a greener, more sustainable future.

ESA has been helping the global community track the changes impacting the planet for decades, thanks to a succession of state-of-the-art remote sensing missions.



These include several non-operational Heritage Missions, such as ESA's European Remote Sensing (ERS) satellite programme.

By analysing and processing the data from these missions, scientists can reveal how Earth's environment is evolving over long time-periods, delivering insight into the impacts and drivers of climate change.

[READ MORE](#)

UPCOMING EVENTS



fiducial reference
measurements
for vegetation

18/07/2022

SRIX&VEG Intercomparison
Exercise Readiness Review

[READ MORE](#)



07/11/2022

VH-RODA Workshop 2022
Registration will open in July

[READ MORE](#)



Focus on: Data access

How to access WorldView-3 data

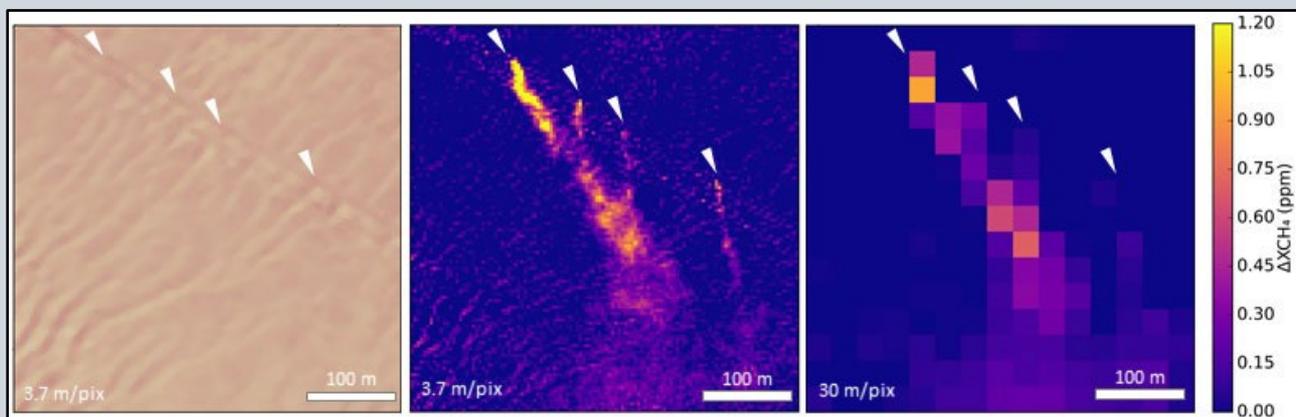
In one of our lead articles in this issue, we describe how WorldView-3 imagery has been used to track methane plumes in the Gulf of Mexico. Did you know that you can request access to WorldView-3 data for your own research for free, through ESA's Third Party Missions programme?

High-resolution products from Maxar's Standard Satellite Imagery are offered for research purposes in panchromatic, short wave infrared, and 4- and 8-band optical formats. Archival data may be requested in addition to tasking requests to the satellite for new acquisitions, but only a limited quota is available for requests.

To request access, you will need to submit a Project Proposal describing your intended use for the data. An active EO Sign-In account is required to submit a proposal.

Read more about the details of the WorldView-3 collection offered through ESA, and how to submit a Project Proposal:

- [WorldView-3 collection](#)
- [Project Proposal guide](#)



*WorldView-3 maps methane plumes in Turkmenistan, in a 2021 study.
Copyright: WorldView-3 © (2021) DigitalGlobe Inc. /processed by Sánchez-García et al.*

In this Issue

Pléiades Neo captures ESA Team Day event

[READ MORE](#)

WorldView-3 helps to track offshore methane plumes from oil and gas

[READ MORE](#)

Transforming space data into climate action

[READ MORE](#)

New CryoSat-2 Quaternions Product Now Available

[READ MORE](#)

Discover more

[Data Access](#)
[Missions](#)
[News](#)
[Events](#)
[Tools](#)

