

# EARTH ONLINE

## NEWSLETTER

August 2021

Issue 03

### Featured story

## ERS-1 first image: solving the mystery

ESA's first Earth observation mission dedicated to understanding our planet, the European Remote Sensing satellite (ERS-1), was launched into orbit on 17 July 1991. At the time, it was the most sophisticated Earth observation spacecraft developed and launched by Europe.

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## LATEST DATA NEWS

### New SMOS Near Real Time Sea Surface Wind Speed baseline is released

A new version of the SMOS Sea Surface Wind Speed processor - version 300 - was deployed at IFREMER and ESA operational ground segments on 4 August 2021.

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### ALOS AVNIR-2 L1C dataset

This collection provides access to the ALOS-1 AVNIR-2 (Advanced Visible and Near Infrared Radiometer type 2) L1C data acquired by ESA stations in the ADEN zone plus some worldwide data requested by European scientists.

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## UPCOMING EVENTS

**ESA  $\Phi$ -WEEK**  
11-15 October 2021 | Virtual Event

11/10/2021

ESA  $\Phi$ -Week | Virtual Event  
Registration is now open.

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**17th European Space Weather Week**

25-29 October 2021, Technology Innovation Centre, Glasgow, UK

25/10/2021

17th European Space Weather Week  
The early registration deadline for this event is 3 September 2021.

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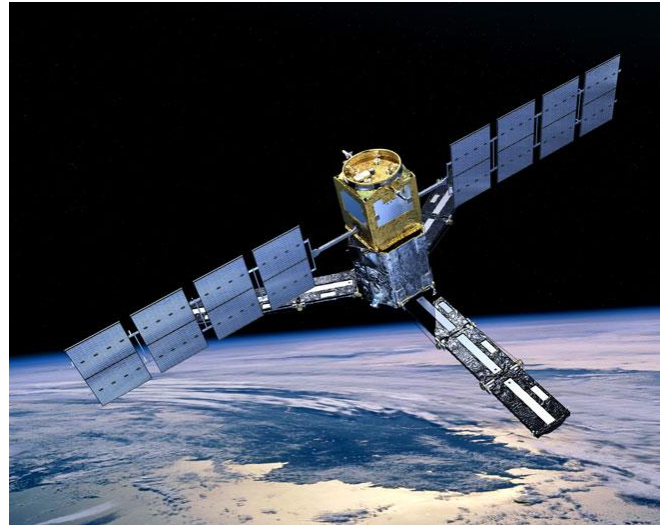
**Living Planet Symposium**  
This event takes place from 23 – 27 May 2022.

23/05/2022

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## New SMOS Level 1 Near Real Time processing baseline released

A new version of the SMOS level 1 Near Real Time processor - version 724 - was deployed in the operational ground segment on 2 August. This version implements the same algorithm as the nominal processor, which was upgraded on 25 May 2021.

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## New SMOS Level 2 Near Real Time Neural Network Soil Moisture baseline released

A new version of the SMOS level 2 Near Real Time Neural Network Soil Moisture processor - version 300 - was deployed at ECMWF and ESA operational ground segments on 2 August 2021. This new version has been designed using the latest version of the nominal level 2 Soil Moisture product v720 which was upgraded on 25 May 2021.

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