eurisy

ACTING COLLECTIVELY TO BRIDGE SPACE AND SOCIETY

Satellite technology for climate resilience: the Eurisy engagement in supporting climate resilience measures

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31st May- 9th June 2
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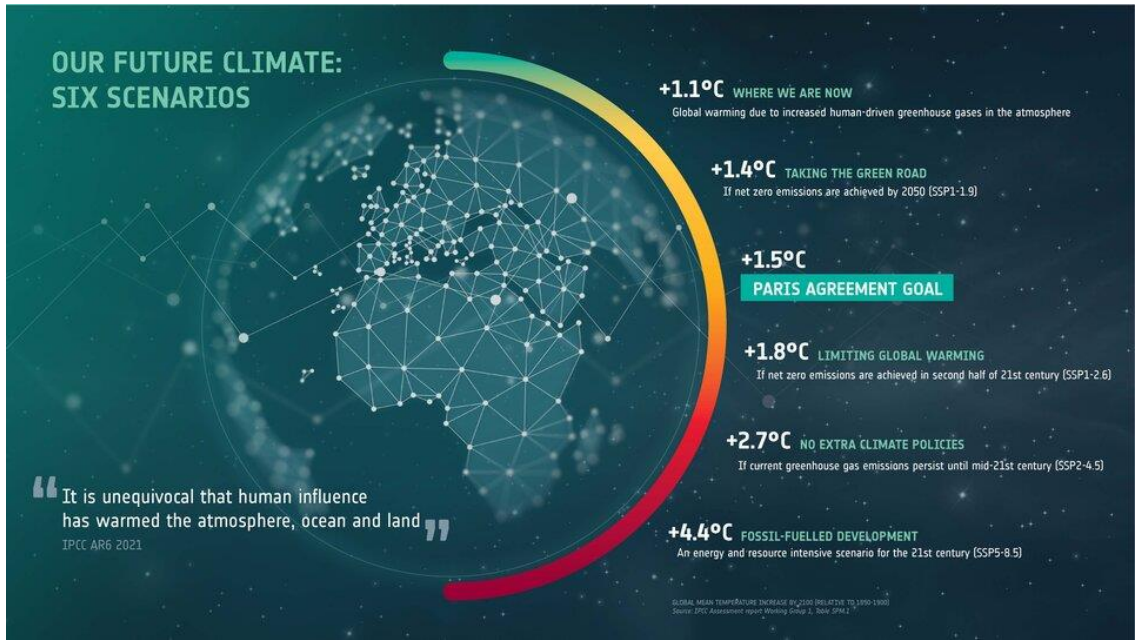
The role of satellites for climate change

Climate change is one of the biggest long-term challenge that our society is facing. Its effects can be observed everyday with high temperatures, extreme weather phenomena and more!



Satellite observations are today part of an evidence-based assessment of climate change impacts on land, freshwater, ocean, coastal, mountain and polar systems, particularly over areas where in situ measurements are not available or performable.

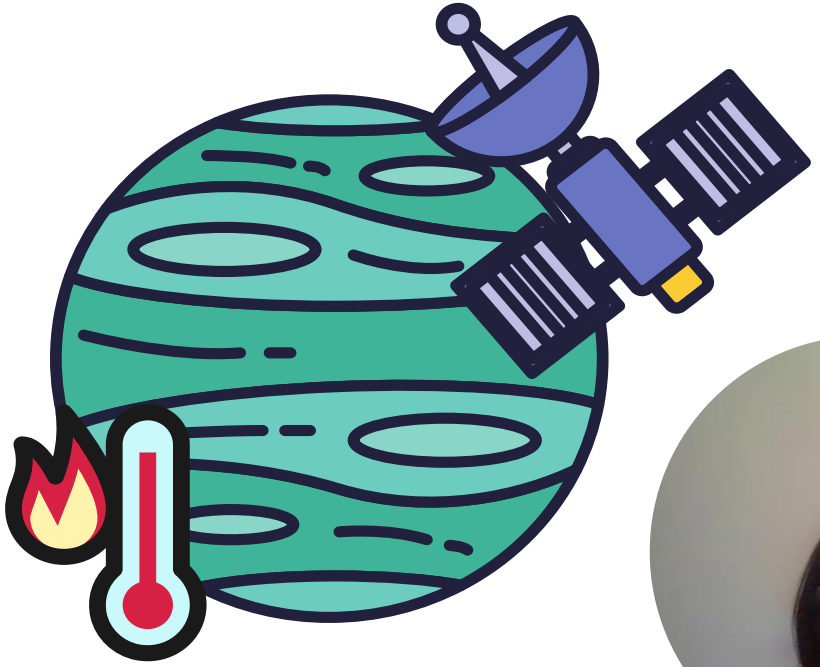
The role of Earth observation has evolved to support national entities and stakeho
build resilience and work towards their net zero commitments. (ESA, 2023)

Copernicus Climate Change Service

Climate Change

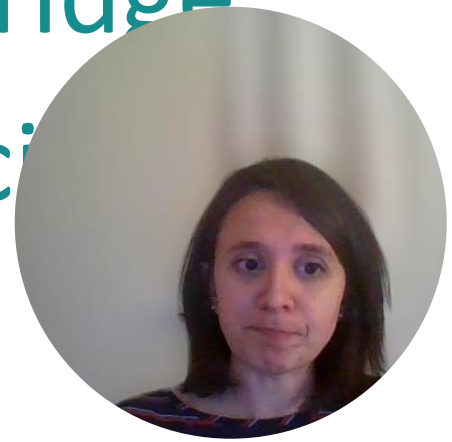
The Copernicus Climate Change Service (C3S) supports society by providing authoritative information about the past, present and future climate in Europe and the rest of the World.

The C3S aims at supporting adaptation and mitigation policies of the European Union providing information and data about climate change and offering free access to tools based on the best available science. Users are core to Copernicus and to C3S to help them dealing with the impacts of climate change.



Mission

Eurisy has been mandated by its Members to create networks to bridge space and soci



Members

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esa European Space Agency

IAF

ASI Agenzia Spaziale Italiana

belspo

MTU Ollscoil Teicneolaíochta na Mumhan Munster Technological University

cnes CENTRE NATIONAL D'ÉTUDES SPATIALES

CRTS

DLR

FFG Promoting Innovation.

MINISTRY OF FOREIGN AFFAIRS AND TRADE OF HUNGARY

IEEC

Xjenza Science & Technology

Netherlands Space Office

PLSA Polska Agencja Kosmiczna

rosa

RST

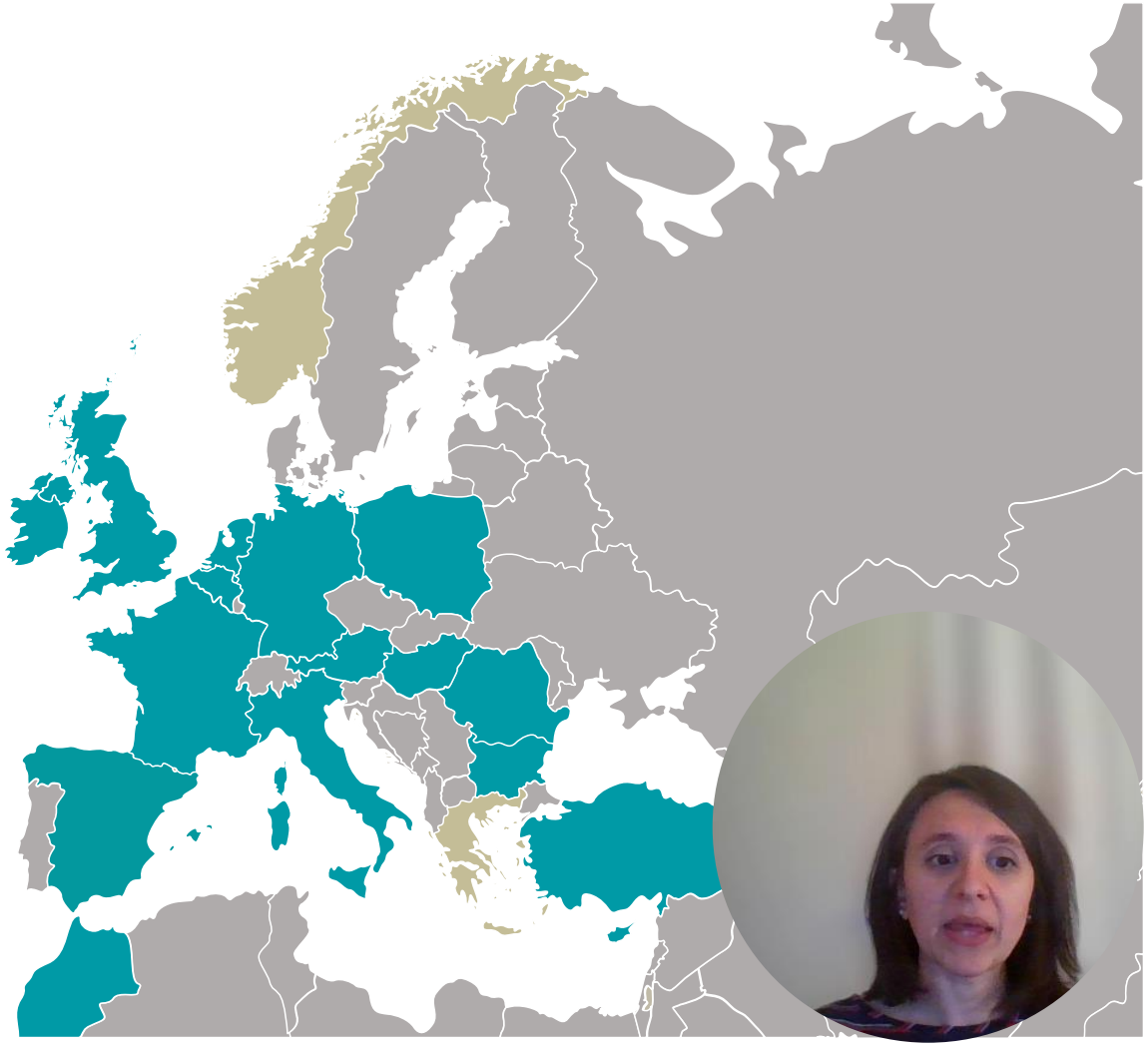
SLOVAK SPACE OFFICE

TUA

UK SPACE AGENCY

EUSPA European Union Agency for the Space Programme

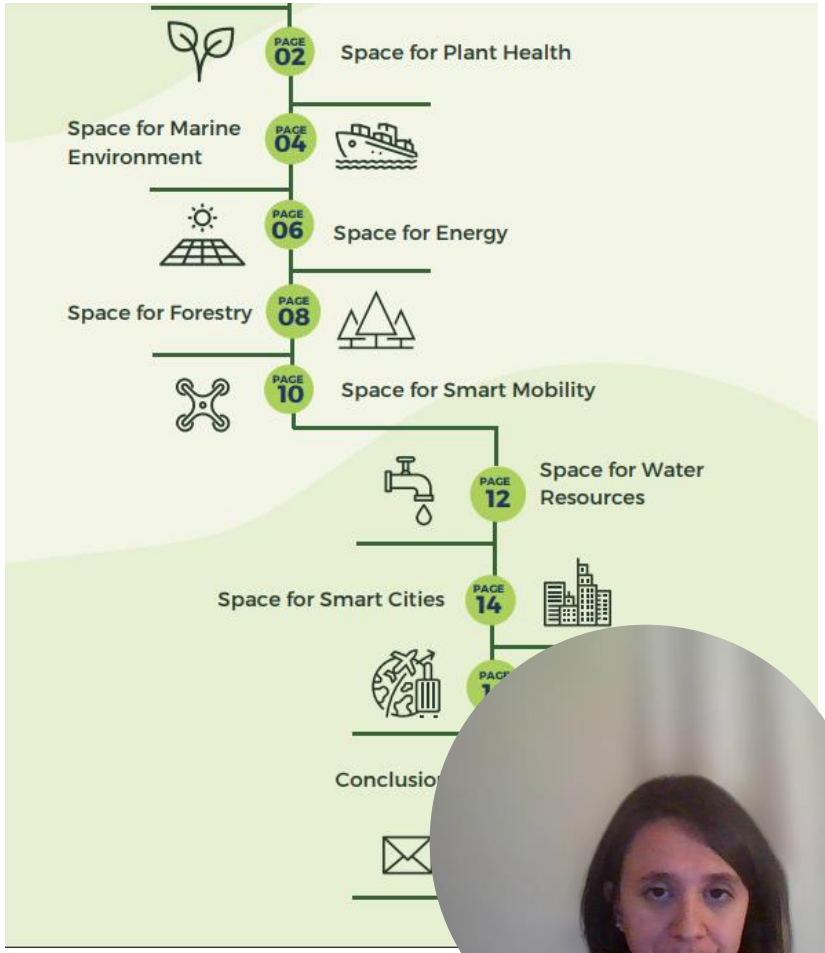
BEYOND Centre of EO Research & Satellite Remote Sensing



Space Opportunities for Climate Challenges

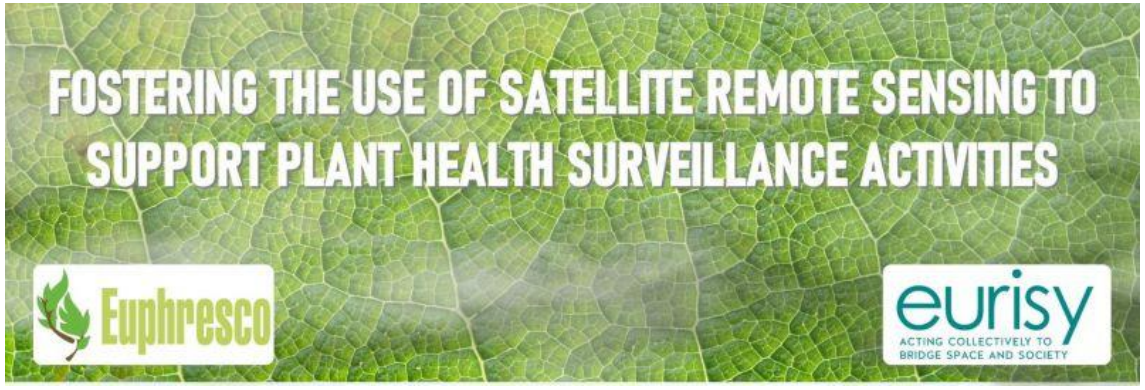
From November 2020 to July 2021, Eurisy and DotSPACE hosted a series bringing together research, government and industry experts to talk about their innovative solutions related to climate.

Throughout the Space Opportunities for Climate Challenges series, various examples have been showcased proving that satellite solutions can contribute to the green transition.



Eurisy and Euphresco Collaboration

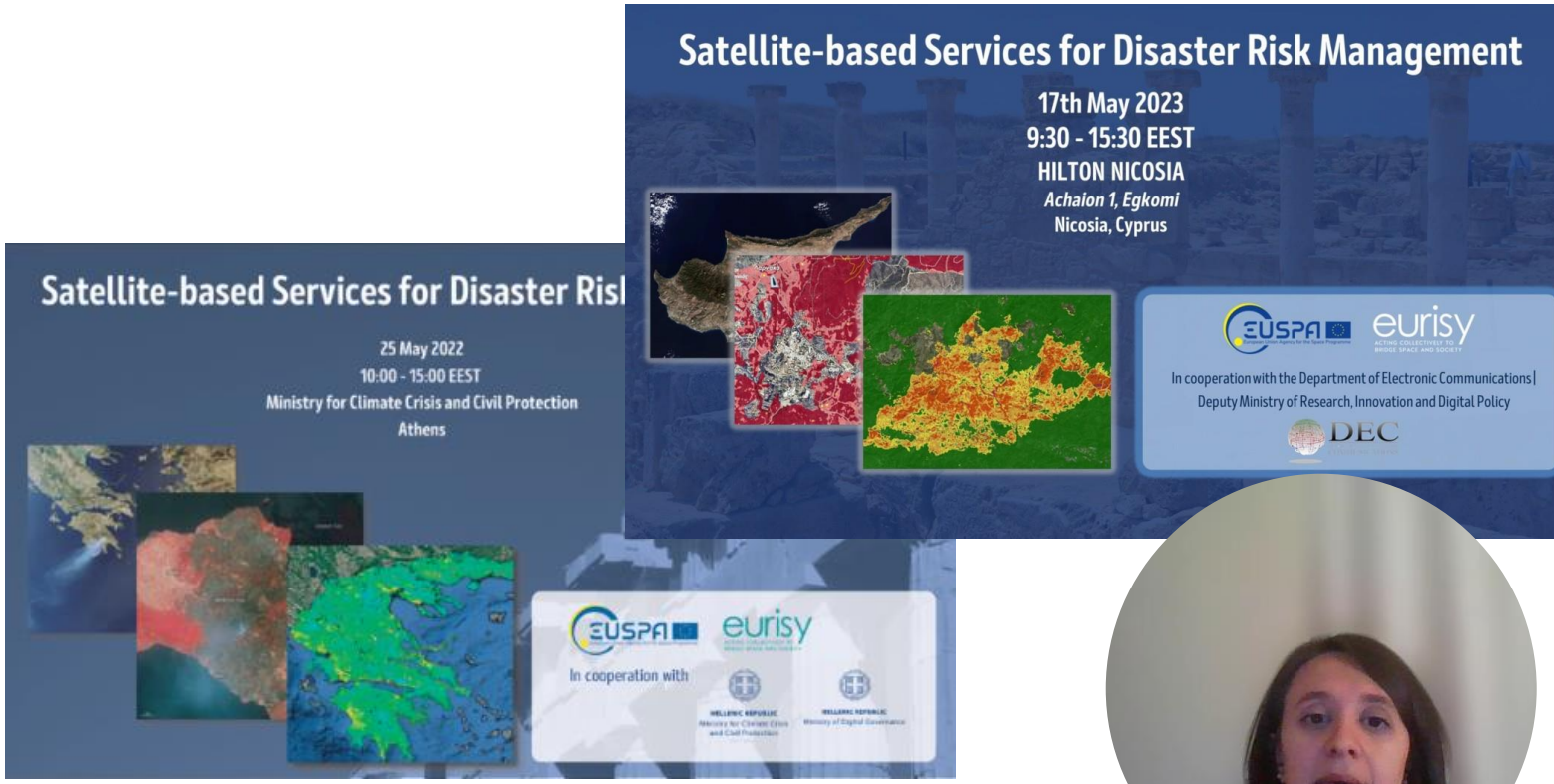
On the occasion of the United Nations International Year of Plant Health 2020, Eurisy and Euphresco join forces to promote the operational use of Satellite Remote Sensing to detect, monitor and fight plant pests.



Disaster risk management National Workshop series

Started in 2022, the series aims at raise awareness among policy makers about satellite applications during the different phases of the Disaster Risk Management.

Two workshops have been held (Athens, 2022 and Cyprus, 2023) and more are under preparation.



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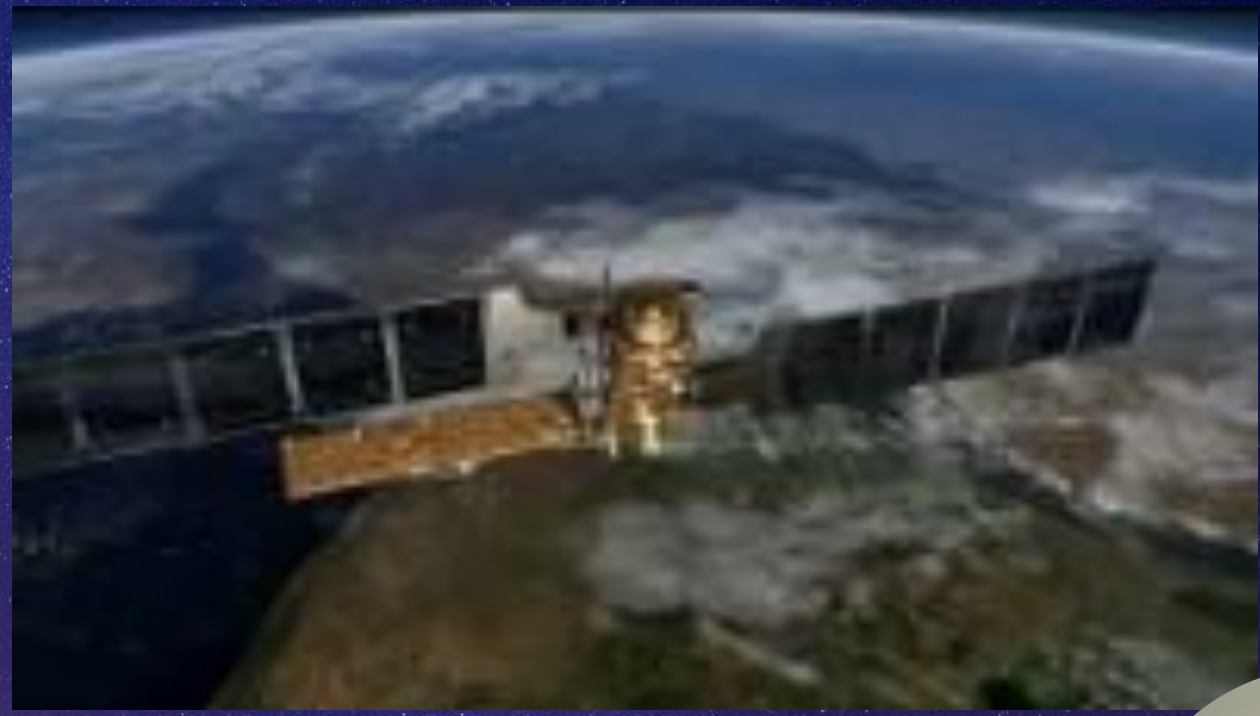

GIS4Schools

GIS4Schools aims at promoting a new innovative approach to foster the teaching of STEAM subjects in secondary schools. This objective will be achieved by allowing pupils to learn about GIS technology and how to use GIS to respond to climate change challenges.

https://gis4schools.eu/#/home

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