

Deforestation, forest degradation and REDD+

- Introduction by Frédéric Achard
- Sentinel-2 composites for the Tropics by Dario Simonetti
- Tropical Moist forest monitoring by Clément Bourgoïn
- Forest degradation monitoring by Andreas Langner

JRC sites

Headquarters in Brussels
and research facilities located
in **5 Member States:**

- Belgium (Geel)
- Germany (Karlsruhe)
- Italy (Ispra)
- The Netherlands (Petten)
- Spain (Seville)

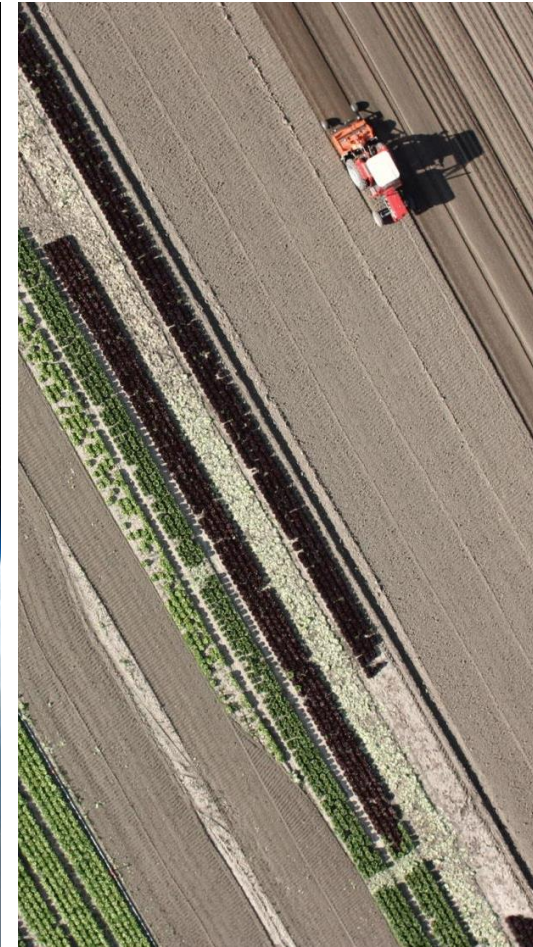
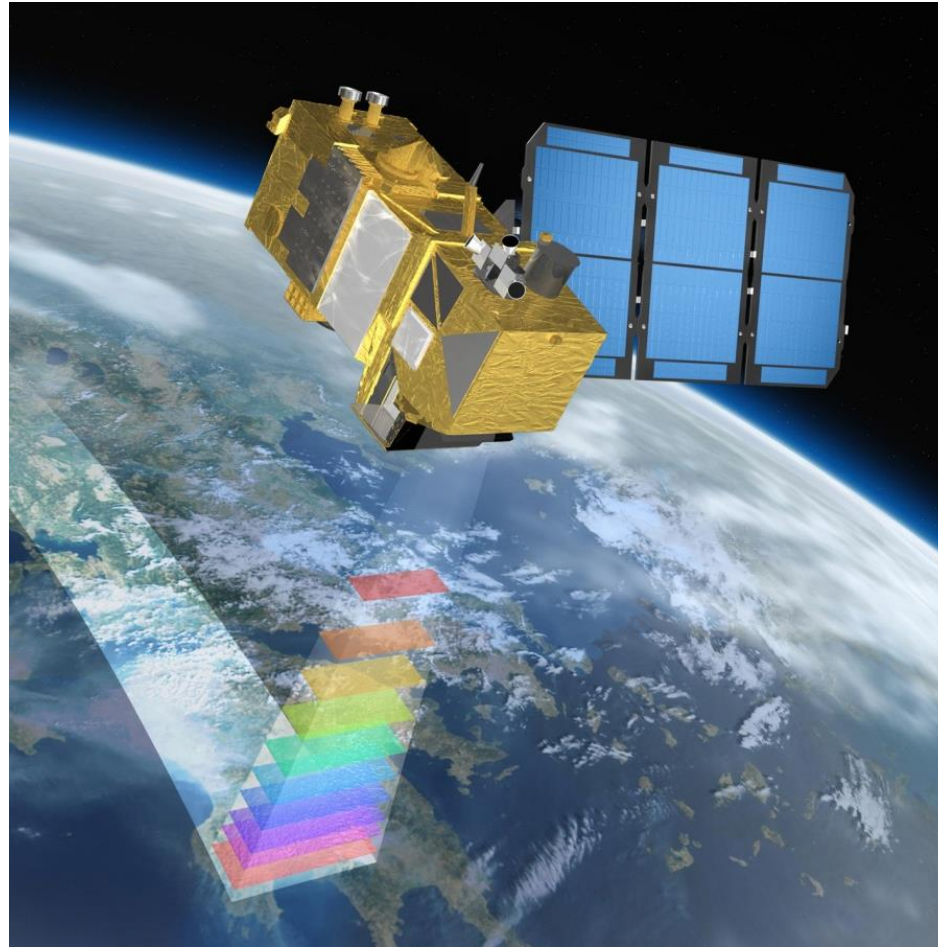


JRC Role: facts & figures



- 6 locations in 5 Member States: Italy, Belgium, Germany, The Netherlands, Spain
- Policy neutral: has no policy agenda of its own
- More than 40 large scale research facilities, more than 110 online databases
- About 1500 core research staff – about 3000 total staff
- 83% of core research staff with PhD's
- Over 1,400 scientific publications per year

JRC Highlights: Common Agricultural Policy (CAP)



Sentinel-2 © Astrium GmbH

How to work at JRC

Open temporary positions are advertised on JRC Web site :

<https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies>

For Ispra site : <https://recruitment.jrc.ec.europa.eu/?type=AX&site=IPR>

Example of Contract Agent position :

Exploratory research project “Forest Biodiversity and Resilience (ForBioRes)”

Code: 2021-IPR-A5001-FGIV-018389

Title: FG IV - SCIENTIST - EXPLORATORY RESEARCH PROJECT - Assessing FORest BIOdiversity and RESilience from Space (ForBioRes)

Deadline: 20/09/2021



Forests are indispensable...

Forests cover **30%** of the Earth's land area and host **80%** of its biodiversity. They provide subsistence and income to about **25%** of the world's population.

Forests provide important ecosystem services to society, such as clean air, water flow regulation, carbon sequestration, soil protection from water and wind erosion, habitats for animals and plants, restoration of degraded land, and resilience to disasters and to climate change. Through these functions, they can mitigate the risk of regional conflicts, reduce migration flows, and increase the output of agricultural activities and the well-being of local communities.

90% of respondents to the open public consultation consider the protection of forests to be indispensable for future generations.



Support better
availability and quality
of information on
forests and supply
chains

- Establish an EU Observatory on Deforestation and Forest Degradation to monitor changes in the world's forest cover and give public bodies, consumers and businesses better access to data about supply chains
- Explore strengthened use of the Copernicus satellite system for forest monitoring.

EU Observatory on deforestation and forest degradation



1. **Monitoring changes in forest cover and forest degradation in the EU and globally**
2. **Monitoring consumption of commodities and products possibly associated with deforestation and forest degradation**
3. **Early warning system on changes in forest cover related to consumption of commodities and products**

The EU Observatory will be delivered in a form of a single web based online platform

Monitoring of Tropical Forest Cover

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