

Webinar: Use of Sentinel data for forest managers

Toulouse, France (hybrid event)

16th-17th June 2026



16th June 2026

WELCOME AND INTRODUCTION OF THE PROJECT SocialForest

09:00 – 09:30

RADAR AND CHANGE DETECTION METHOD

09:30 – 12:00

INTRODUCTION TO SAR

- How is acquired a SAR image
- The different level of products
- The preprocessing

THE CUMULATIVE SUM (CUSUM) APPLIED TO SAR IMAGES FOR DETECTING CHANGES IN FOREST COVER

- What is CuSum?
- Why applying two thresholds for optimizing the changes detection?
- Single change/multiple changes/postprocessing

APPLICATIONS*

14:00 – 18:00

- How to create a forest mask using single CuSum (Les Landes)?
- How to classify a scene based on the number of changes (Cantabria)?

*Requirements and installation will be sent previously to allow the audience to download and install the environment. Images of the study areas will be provided before the session.

**#EU
GREEN
WEEK**

17th June 2026

THE SENTINEL-2 MISSION

09:00 – 10:30

- The Mission's Relevance to Wildfires
- Required Preprocessing Steps
- Indices used to Wildfire Monitoring

TRAINING EXERCISE USING SENTINEL 2 IMAGES RELATED TO THE AUGUST 2026 WILDFIRES IN THE AUDE DEPARTMENT

10:30 – 13:00

**Interreg
Sudoe**



Co-funded by
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