

A Joint Hyperspectral Experiment in a Open Source Collaborative Environment!

The JECAM network is undertaking two joint experiments to advance the use of hyperspectral data for agricultural monitoring using EnMAP and working collaboratively using Agricultural Virtual Labs open source collaborative system for Earth Observation scientists.

For more information on EnMAP: <https://www.enmap.org/>

The Environmental Mapping and Analysis Program (EnMAP) is a German hyperspectral satellite mission that monitors and characterizes Earth's environment on a global scale. EnMAP measures geochemical, biochemical and biophysical variables providing information on the status and evolution of agricultural ecosystems.

For more information on Agricultural Virtual Labs (AVL): <https://agriculturevlab.eu/>

The place where scientists can focus on agriculture research and collaboration with colleagues – freed from the endless search for data, set-up of computational infrastructure, using proven technological solutions.

JECAM scientists from 10 countries are acquiring EnMAP hyperspectral data in 2024 to compare methods and techniques for advanced crop identification, land management practices mapping and crop health. Each site will experiment with the Agricultural Virtual Labs Platform to develop data processing work flows and share methods and data with other scientists.

