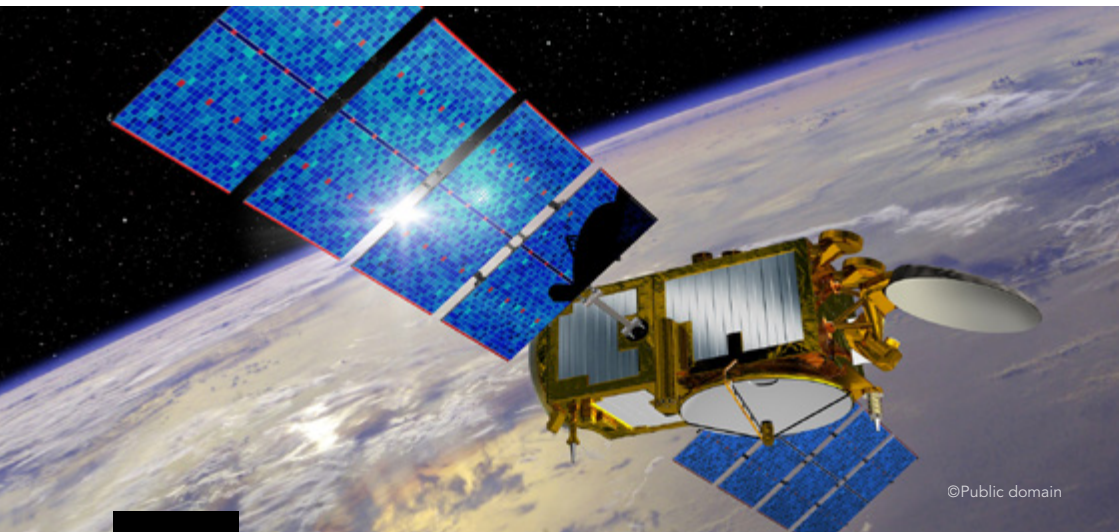




Geospatial data for land monitoring

Course: Hyper-temporal remote sensing to support agricultural monitoring



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The course presents an approach for improved mapping and differentiating spatial-temporal facts at country-level (agro-environmental stratification), using the best remotely sensed data and most modern interpretation/analysis methods.



4 Hours



Available in English

You will learn about

- The use of the hyper-temporal time-space domain
- The Vegetation and remote sensing
- The Acquisition and pre-processing of hyper-temporal vegetation (NDVI) data sets
- The Classification of hyper-temporal data
- How to visualize, interpret and analyze hyper-temporal data sets
- How to capture and display agricultural statistics, using NDVI-maps

Who is the course for?

The course is targeted at a broad range of producers and users of spatial and non-spatial agricultural statistics, analysts and technicians in geo-information organizations; national statistics offices and statistics assessment units of ministries of agriculture, as in early warning units, managers and decision makers will also find interesting ideas and examples in the proposed curricula materials.

Key partners

The course was developed by FAO in close collaboration with the ITC, the Faculty of Geo-Information Science and Earth Observation of the University of Twente, The Netherlands and funded by the European Union (Research Framework Programme - FP7), within the Stimulating Innovation Global Monitoring of Agriculture Initiative (SIGMA).

SIGMA is part of Europe's contribution to GEOGLAM, actively networking expert organizations world-wide, in a common effort to enhance current remote sensing based agricultural monitoring techniques. SIGMA's aim is to develop innovative methods and indicators to monitor and assess progress towards "sustainable agriculture", focused on the assessment of longer term impact of agricultural dynamics on the environment and vice versa.

FAO learning Center



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How to access the course

1. Go to the e-learning center: www.fao.org/elearning, and select the category "Geospatial data for land monitoring"
2. Register and log-in with your user name and password.



 Registration is fast and easy.