

Edusat: teaching guide

The educational proposal **Observe the Earth through satellite images** is aimed at secondary and high school students.

Objectives

- Introduce students to the field of **the Remote Sensing and observing the Earth**.
- Raise awareness of the **Copernicus programme** and about the availability of the satellite images it provides.
- Understand what **environmental change** is and learn to identify the causes and consequences of natural phenomena such as floods, drought or deforestation, among others.



Duration

The activity should last a maximum of 5 hours.
The time can be adapted according to the availability of the group.

Material

- **Computer** with an Internet connection.
- **EO-browser**, available from any Internet browser.
- Teaching material available on the **Edusat website**.



Methodology

Block 1 Contextualization and assumptions

Theory on what remote sensing and global environmental change are and a demonstration of the EO-Browser application.

Block 2 Research of case studies

Research of the case studies proposed on the Edusat website and investigation by the students of their own case study.

Block 3 Presentation of results

Exhibition of the investigations carried out.



Guidance

Students should explore phenomena occurring close to their geographic area or those having an impact in the media, which will make it easier to find information.

