

# 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.



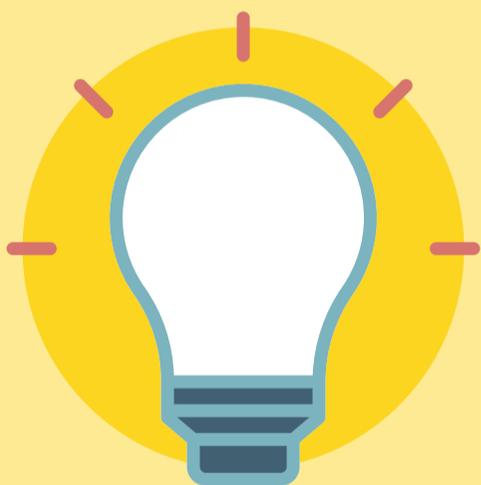
## Duration

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.

