

DATA LITERACY TOOLKIT **Europe and Eurasia Region**

Short interactive learning activities for students (ages 7-15) to improve data literacy skills.

- Can be easily added to GLOBE teaching sessions
- Lasting 20-45 minutes



- Suitable for Science or Mathematics lessons
- No prior research project experience required



ATMOSPHERE

AIR TEMPERATURE ACROSS GLOBE DURING A YEAR

Visual presentation and interpretation of air temperature annual pattern for sites in various countries/continents and located at similar elevation.

AIR TEMPERATURE ACROSS GLOBE ON THE SAME DAY

Comparison of the air temperature measured at different locations at similar latitude the same day.



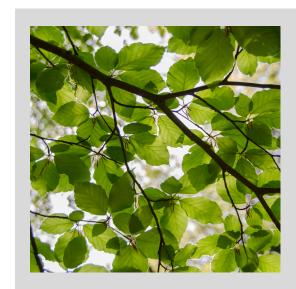
HYDROSPHERE

WATER TEMPERATURE TREND

Comparison of water temperature at three locations near each other - in the river, at the mouth of the river and in the bay.

AIR AND WATER TEMPERATURES CHANGES DURING THE YEAR

Comparison of water and air temperatures measured at the same location over the year.



BIOSPHERE

COMPARISON OF THE GREEN-UP TIMING AT DIFFERENT LOCATIONS

Comparison of the timing of budburst and leaf growth at two locations in Croatia.

COMPARISON OF TREE HEIGHT MEASUREMENTS

Comparison of tree height measurement results using clinometer and GLOBE Observer app.

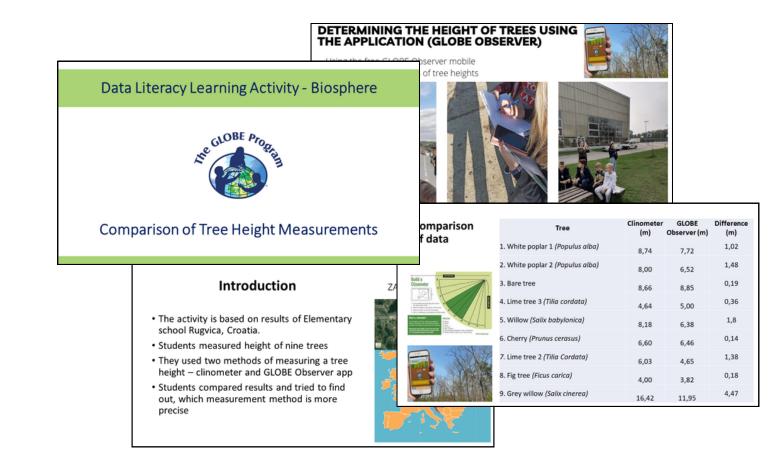


SOIL PROPERTIES ALONG THE CETINA **RIVER BASIN**

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Looking at the soil properties along the river stream from its origin to the sea and interpreting the data collected.

PEDOSPHERE





- PowerPoint format for easy translation and use
- Each activity includes dataset and results
- Based on classroom activities done by GLOBE teachers
- Reviewed by GLOBE Trainers

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