

newsletter

BioSustainED: Teacher Capacity Building in Biodiversity
Project no. 2023-2-LV01-KA210-SCH-000170510



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Methodological Guidelines for Biodiversity Teaching at Secondary School Level

Theoretical Foundations

The guide covers biodiversity (genetic, species, ecosystem), human impacts (habitat loss, pollution, overexploitation), conservation strategies, and links to global sustainability policies like the EU Green Deal and UN SDGs.

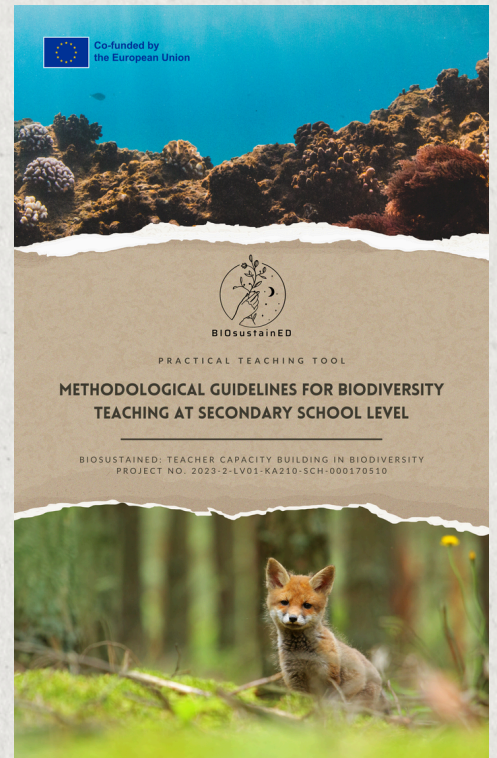
Innovative Teaching Strategies

The guide emphasizes interdisciplinary approaches, experiential learning, and assessment strategies for environmental education.

Practical Classroom Activities

A rich collection of STEM-based experiments and creative projects encourages hands-on learning. It includes:

- ✓ Laboratory experiments – Investigating aquatic biodiversity, food microbiology, and bioindicators like lichens
- ✓ Critical thinking exercises – Breaking stereotypes and reshaping attitudes toward nature
- ✓ Arts & Drama – Role-playing games, upcycled fashion shows, and creative writing to explore environmental themes.



Training Programme for Teachers In-Service

This training programme aims to equip educators with interdisciplinary strategies to integrate biodiversity topics across subjects like biology, geography, mathematics, and languages.

Why it matters

Despite global efforts, environmental education remains fragmented. This program bridges gaps by combining cross-curricular connections, experiential learning, and critical discussions on biodiversity challenges.

What's included

- ✓ Topics and methods of teaching;
- ✓ Competences, learning models and types of assessment;
- ✓ Teaching materials and technical tools.

You can download the materials
developed during the project here:



- <https://dulv/en/news/the-erasmus-project-biosustained-provides-methodological-guide-for-biodiversity-teaching-at-schools-in-latvia-and-lithuania/>
- <https://miskobriedis.lt/projektas-biosustained>



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