



Conservation and sustainability in freshwater ecosystems in Tavira (Portugal)

Esmeralda Gonçalves, José Fonseca, Luís Lopes, Maria João Costa, and Miguel Cunha
Agrupamento Vertical de Escolas D. Manuel I Tavira, Portugal (esmeraldacf@gmail.com)

This interdisciplinary project carried out with 8th and 9th grade students involved five teachers from three different subjects (Physics and Chemistry, Natural Science and Geography). Framed in the Water Framework Directive, it aimed at verifying the ecological quality of water in two rivers in the municipality of Tavira (South Portugal). The development of this project has been structured in accordance with the following objectives: evaluate the quality of freshwater ecosystems through the existence of certain living organisms; present proposals on ways to preserve water resources in a sustainable perspective; sensitize students to the importance of their participation in collective action by volunteering for ecological protection. This is an innovative educational experience that allowed students an integrated approach to content and procedures applied to real problems in their local environment.