



A questionnaire for teachers to improve training activity and students on environmental science in the frame of ENVRIPLUS project

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ENVRIplus is a Horizon 2020 project bringing together Environmental and Earth System Research Infrastructures, projects and networks together with technical specialist partners to create a more coherent, interdisciplinary and interoperable cluster of Environmental Research. One of the aims of this project is to disseminate knowledge on environmental topics, focusing attention on European secondary schools. We elaborated actions to design an e-Training Platform for multimedia education of secondary school level teachers and students. The purpose is to favor teacher training and consequently students training on selected scientific themes faced within the ENVRIPLUS Research Infrastructures. In particular we address major thematic research areas and challenges on Biodiversity and Ecosystem Services, Greenhouse effect and Earth Warming, Ocean acidifications and Environmental sustainability. To realize the training platform we start detailed study and analysis of teaching and multimedia information materials already available. We plan the realization of an appealing and usable portal/digital repository, to stimulate learning of STEM topics and which also includes opportunities to develop original content.

To better project the actions and to catch teacher needs, we prepare a questionnaire that will be administered to a large sample of international school audience to collect input directly from the potential users. The first part focused on objective information about the formal, quantitative and qualitative position of science class in schools and the content and methods of teaching in different countries. The second part investigates subjective teacher experiences, views and proposals on what can improve training offer for environmental science lessons and courses.