

Identification of good practices for teachers and students training activity in the ENVRIPLUS project

Giuliana D'Addezio, Antonella Marsili, and Laura Beranzoli

Istituto Nazionale di Geofisica e Vulcanologia, Rome, Italy (giuliana.daddezio@ingv.it)

We elaborated basic guiding principles that will be used to improve the content of the ENVRIPLUS e-Training Platform for multimedia education of Secondary School level teachers and students. The purpose is to favour teacher training and consequently students training on selected scientific themes faced within the ENVRIPLUS Research Infrastructures.

“Best practices” could positively impacts on students by providing motivation on promoting scientific research and to increase the awareness of the Earth System complexity and Environmental challenges for its preservation and sustainability. Best practice teaching strategies represent an inherent part of a curriculum that exemplifies the connection and relevance identified in education research. The actions are designed to develop thinking and problem-solving skill through integration and active learning. Relationships are built though opportunities for communication and teamwork. Best practices motivate, engage and prompt student to learn and achieve. A starting list of principles is discussed in respect of the following main Best Practices pillars:

- Identify the conceptual framework of the subject of the dissemination
- Increase personal awareness of the individual potential
- Easy personal elaboration and the connection of the subject with the school curriculum.