



PROJECT INFO

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Summary

This document reports the first **Workshop on bachelor and master curricula best practices in EU - Italy** of the Erasmus+ Capacity Building in the Field of Higher Education project “Soil Erosion and Torrential Flood Prevention: *Curriculum Development at the Universities of Western Balkan Countries*” (SETOF) held in Reggio Calabria, Italy on the 30th of September 2019.

List of attendees

Twenty three participants from 8 partner institutions participated in a Workshop on bachelor and master curricula best practices in EU - Italy at the Dipartimento di Agraria Università Mediterranea di Reggio Calabria . The list of attendees is present below.

No	Name of the participant	Institution/Organization	E-mail
1.	Paolo Porto	University Mediterranea of Reggio Calabria –UNIRC	paolo.porto@unirc.it
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1st Day (30th September 2019)

In the first section, the welcome speech was given by prof. Paolo Porto from the University Mediterranea of Reggio Calabria (UNIRC). Professor Porto presented the study programs of the University Mediterranea of Reggio Calabria, Department of Agriculture. He introduced the participants with scientific research and technologies as well as training that offers Department for Agriculture in UNIRC. He presented the main subjects of research and teaching, laboratories, field laboratories, etc.

In addition, prof. Porto presented the subject syllabuses in the field of soil erosion and torrential flood prevention on the study programs at the Department of Agriculture UNIRC. One of the specific program in soil erosion provided for students in the first year are related to soil protection, conservation and watershed planning, and management.

Prof. Atila Bezdán from the University of Nov Sad reported about the requirements with Bologna standards at the universities of the WBC (deliverable 2.1). Based on the report, he concluded that Italy, Serbia, B&H and North Macedonia have signed the Bologna Declaration and that they perform a three-cycled system (based on 4+1+3 or 3+2+3) model of study.



During the discussion section, participants were interested in the syllabus of the subject related to the soil erosion and torrent control and in whose jurisdiction is the performance of erosion and torrent control works (civil engineers or students who graduated in the Department of Agriculture). They also had questions about the department, mobility, field laboratories, etc.

After the discussion, the participants of the workshop visited the building of the Department of Agriculture and laboratories for soil and hydraulic analysis: Laboratorio di Idraulica Agraria e Sistemazioni Idraulico Forestali, Laboratorio Strumentale e Analisi del Suolo, Laboratorio di Agronomia, and Laboratorio di Preparazione Suolo.

After these visits, the participants were taken by bus to the experimental plots for soil erosion measurement at Bagnara (Reggio Calabria). The five 5x25m plots are constructed in 2005 in the location north of the Reggio Calabria. The participants were introduced with the construction of the plots, research related to the management system for these plots during the period of four years.

The meeting was closed by this field visit at 18h.

2nd Day (1st October 2019)

The Study Visit commenced at 08:00 hrs. on 1st October 2019, when participants were enabled to visit the torrential catchments in SILA mountain.

The Participants were taken by bus to the 'Bonis' experimental catchment located in the mountain area of Sila Creca, Calabria, Italy. The catchment is mostly covered by forest stands, dominated by fifty-year-old Calabrian pine. This catchment is instrumented with three mechanical 20-minute-span recording rain gauges.

The participants were introduced with the integrated monitoring in forest ecosystems in Bonis catchment. They were informed about the main features of the catchment, the past and ongoing studies, such as the hydrological monitoring conducted here, before and after thinning to estimate type and intensity of changes that occurred after silvicultural interventions or application of 3D-CMCC-CNR model based on the eco-physiological principles to predict forest growth forest structure dynamics, etc.

In addition, participants were introduced with the research related to the use of sediment tracers in sediment budget investigations in Bonis catchment, which results indicate the value of soil erosion rate using cesium-137 and excess lead-210.

The next place that participants have visited is one part of the National park with the ancient Giants (pine) of the Sila. The trees are 350-year-old, 45 metres in height, with trunks 2 metres wide. These pines are planted in the 17th century by the baronial Mollo family, owners of the nearby farmhouse, which was donated to FAI in 2016 by the family.



The study visit was closed at 19h.

Conclusions

The conclusion is that the **Workshop on bachelor and master curricula best practices in EU - Italy** on the SETOF project was successfully realized.



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In Belgrade, 7 Oktober 2019

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