

AWARENESS EVENT

14-01-2022

EVENT-1 TURKEY

Awareness event “Protect-Streams-4-Sea” Project

Mustafa Tufekcioglu, Aydın Tufekcioglu, Mehmet Yavuz, Ahmet Duman and Cengizhan Yıldırım showcased to more than 65 university students the methodologies implemented in the BSB963 “Protect-Streams-4-Sea” project on January 14th, 2022 that was held in Arhavi, Turkey.

Specifically, the field studies carried out within the scope of the project were shown as the use of the streamflow meter and pressure transducer to measure stream stage change and discharge, the erosion pins to measure soil loss in streambanks and gully, runoff plots to evaluate surface erosion in different land uses, soil sampling for analyzing properties of different types of soil including bulk density, moisture, texture and organic matter, and the use new technologies like drones and its high-tech cameras to use in the different mapping such as vegetation cover, bank erosion and floodplain extend and landslide identification.

We have given the info about vegetation and soil types in the study area during the awareness event: The Inceptisol soils in lower elevations under forest and crop vegetation and Spodosol soils in beech and spruce mixed forests in higher elevations.

The effectiveness of the event was measured using a pre- and post-event evaluation questionnaire on some randomly selected participants. In the end of the of the event, the students were satisfied with field trip and are really interested in the scope of work undertaken within the project and volunteering in project participating.



Surface runoff plot under the hazelnut garden
Common borders. Common solutions.



Programme funded by
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Showing how to measure soil samples for the event participants



Showing how to make stream flow measurements

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Explaining the use of Drones for the GIS-Streambank
Erosion Index and Streambank hot-spots



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Explaining the thermal and zoom capabilities of the
drone that we used in this project.



The participants of the event

“This awareness event has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of the Project Coordinator Mustafa Tufekcioglu and can in no way be taken to reflect the views of the European Union.”

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