



Programme funded by
EUROPEAN UNION



WORKSHOP

DATE 23-25/05/2022

EVENT 1 ACU/TURKEY

The International Workshop on Preventing Water Pollution and Erosion in the Black Sea

THE FIRST DAY - PRESENTATIONS

(Monday, 23 May, 2022)

The International Workshop on Preventing Water Pollution and Erosion in the Black Sea, was organized within the scope of the European Union Project titled "Protecting Streams for A Clean Black Sea by Reducing Sediment and Litter Pollution with Joint Innovative Monitoring and Control Tools and Nature-based Practices" presented under the theme of "Protect-Streams-4-Sea", was held at A. Nihat Gokyigit Congress and Cultural Center, Artvin, TURKEY, May 23-25, 2022.

With more than 140 participants, the workshop attendees were included Artvin Governor Yılmaz DORUK, AK Party Artvin Representative Erkan BALTA, Artvin Coruh University's Rector Mustafa Sitki BILGIN, Head of the Artvin AK Party Office Mithat TAHTALI, Artvin Forestry Regional Director Mimar Sinan ÖZKAYA, and guests from government officials, NGOs, academic personnel, students from ACU and members of the BSB963 Project Team.

The workshop was started with the opening remarks by Vice Rector of ACU, Dr. Aydın TUFEKCIOGLU and by ACU Project Manager, Dr. Mustafa TUFEKCIOGLU, informed the attendees on the Project details including project funding program, title, budget, duration and all the beneficiaries from Greece, Romania, Armenia and Moldova.

The first session chaired by the Vice-Rector and project researcher, Prof. Dr. Aydın TUFEKCIOGLU. The first presenter was Dr. George Zaimes. His presentation was focus on water and soil resources and ultimately preventing pollution in the Black Sea, aims to

identify pollution sources, monitor and reduce pollutants in streams, and investigate ways to reduce the risk of flood and erosion and minimize damage by putting forward the right managerial plans and nature-based practices.

The session chair Dr. Tufekcioglu drew attention to the fact that universities are the locomotive of cities and the importance of universities in the formation of civilizations and development. Reminding that Artvin Coruh University Faculty of Forestry has signed projects supported by the European. He also emphasizes the importance of the project "Protect Stream for Sea" to minimize water pollution and litter and their effects by making various analyzes and measurements related to water pollution and landslides.

Prof. George N. Zaimes, Project Coordinator and Team Leader of the International Hellenic University (Greece), provided information about the project. "Our similarities outnumber our differences," said Dr. Zaimes, "because we face similar ecological problems as communities in the same region." It is difficult to clean once it has become dirty. This project performs functions such as creating a road map for solving similar problems in the Black Sea basin and expanding the nature-centered activity network to prevent pollution in the region.

Cihangir Dedeagaoglu, Forestation and Silviculture Branch Manager of Artvin Regional Directorate of Forestry (OBM), also spoke about Artvin OBM's projects and work

Common borders. Common solutions.



Programme funded by
EUROPEAN UNION



to combat erosion. Dedeoglu also presented work on erosion facility constructions, afforestation on roadside and erosion areas, and dry-stone and wire-cage sill applications in Artvin Province.

Gökhan Yılmaz, the Monitoring and Allocations Branch Manager from the 26th Regional Directorate of State Hydraulic Works (DSI), spoke about the DSI Regional Directorate's activities, stream improvement works, and flood control practices in Artvin District.

"Works on Erosion, Flood, and Environmental Pollution in Greece and the Outputs," "Pollution and Erosion Processes in the Dniester River Tributaries of Moldova and Field Studies in this Context," and "Activities Carried Out in Romania and Armenia in the Project's Axis" were discussed during the first day of the workshop.

The first day sessions concluded with a presentation by the project researcher Assoc. Dr. Mehmet YAVUZ titled "The use of high-tech UAV and remote sensing techniques in the evaluation and mapping of streambank erosion and corridors."



Workshop participant-1st of the workshop



Project Coordinator, Dr. George N. Zaimes, presented the Project-Stream-4-Sea.



ACU Project Manager, Dr. Mustafa Tufekcioglu, presented activities and some results from the Arhavi plot area.

Common borders. Common solutions.



Programme funded by
EUROPEAN UNION



SECOND DAY - ARHAVI FIELD TRIP

(Tuesday, 24 May, 2022)

On the 24rd, there was a field trip to “Arhavi River Watershed” pilot area. In addition to 18 project members from Greece, Romania, Turkey, Moldova and Armenia, 37 participants who are from local governments, NGOs, ACU Forest Engineering department’s students were attended.

The first stop on the field trip was a tea field, where any vegetation and trees were scrapped off. Dr. Mehmet YAVUZ explained the importance of detecting and mapping such fields with high-tech Unmanned Aerial Vehicles (UAVs) to combat surface water erosion.

The second stop was the surface water erosion plot that was under the hazelnut garden. Dr. Aydin TUFEKÇIOĞLU and Dr. Mustafa TUFEKÇIOĞLU explained the purpose and working principle of such erosion plots. They express and showed the water collected on such plots to the participants. The main focus was to explain the changes on the land use from forest to tea or hazelnut plantations and how this alteration would affect the hydrological cycles on the soil water environment that in turn increase surface runoff, sedimentation and eventually causing flooding.

explained the impacts of agricultural lands use impacts on surface runoff and water pollution using 2x10 m erosion plots.



A photo showing a clear cut tea field on the hillslope in the Arhavi River Watershed.



Erosion runoff plot on the hazelnut garden. The members of ACU team Dr. Aydın Tufekcioglu and Dr. Mustafa Tufekcioglu

Common borders. Common solutions.



Programme funded by
EUROPEAN UNION



Photos from the Workshop and Arhavi field trip

Common borders. Common solutions.



Programme funded by
EUROPEAN UNION



THIRD DAY- SSF MEETINGS/TRABZON (Wednesday, 25 May, 2022)

On the 3rd day of the workshop, 4th Steering, Scientific and Financial Meeting of the Project was carried in Koru Hotel, Trabzon. Each partner afterwards presented what the activities they have implemented till this point. Specifically, Valasia Iakovoglou, IHU-SARF presented the LP activities completed and problems, Maria Marinescu, BIWA presented the PP2 activities completed and problems, Luiza Gevoryan, YFU NGO presented the PP3 activities completed and problems for the PP3, Ilya Trombitsky and Roman Corobov,

Eco-TIRAS presented the PP4 activities completed and problems and Mustafa Tufekcioglu and Mehmet Yavuz, ACU, presented the PP5 activities completed and problems. All partner agreed that to be able to complete all the deliverables of the project in a science-based way additional time is required. George informed all partner that the Addendum had been submitted and that they hope that JTS will approved it.



Fotos from the SSF Meetings

“This publication was produced with the financial assistance of the European Union. Its contents are the sole responsibility of the ACU Project Manager Mustafa Tufekcioglu and Coordinator George N. Zaimes and do not necessarily reflect the views of the European Union.”

Common borders. Common solutions.