

Short reports of the in-person project meetings

SOPRON, 13.6.2023

Representatives from the University of Ljubljana and Faculty of Water Sciences, National University of Public Service arrived at the Sopron campus of the Faculty of Forestry at the Sopron University on July 10 2023. The purpose of the visit was to strengthen cooperation between the universities and to coordinate joint research in the interception and micro scale runoff processes as part of the OTKA program.

The program was the following.

Introduction (Uni, Faculty, Institute-Department)

Research presentation

Nejc Bezak (University of Ljubljana): Copula Functions in Hydrology

Urban Park (Botanic Garden) Paired Plot (Open Air Plot, Black Pine Plot) Visit and Discussion

Research Catchment Visit in Hidegvíz-valley Experimental Catchment (Plot Scale experiments in an oak, a beech and an alder ecosystem, runoff measurements in three catchments), Scientific Discussion

LJUBLJANA, 27.6.2024

Representatives from the University of Sopron and Faculty of Water Sciences (National University of Public Service) arrived Ljubljana on June 27 2024. The purpose of the visit was to strengthen cooperation between the universities and to coordinate joint research in the interception and micro scale runoff processes as part of the "Local impacts on surface runoff" research project.

The program was the following:

Welcome/Introduction

Visit at hydraulic lab of the UL FGG

Hidroinštitut visit and presentation (done by dr. Prešeren)

Project meeting and discussion about the ongoing activities related to the project

Urban plot site visit and presentation of measuring equipment

Lunch

Tivoli Park case study visit and presentation of measuring equipment

Departure

BAYA, 7.7.2025

Upon our arrival in Baja, Hungary, we were welcomed and introduced to various hydraulics and hydrological measuring instruments at the Faculty of Water Sciences, Ludovika University of Public Service. Following this, we conducted a guided tour along the Sugovica River, a tributary of the Danube River, which is recognized as Europe's second-largest river. The tour extended from the vicinity of the Faculty of Water Sciences up to its source from the Danube. This provided an opportunity to observe the riverine environment and associated hydrological features. Afterwards, we held a collaborative meeting on the bilateral research project with Hungary (Project No. N2-0313: Local impacts on surface runoff) within the framework of the ARIS initiative. The meeting focused on evaluating the project's progress and outlining the next steps for continued cooperation. Furthermore, we visited the Faculty's rainfall interception experimental site, where we learned about the various experimental equipment used for quantifying rainfall interception, as well as key meteorological variables. The field tour concluded with a visit to the Magyaregregy Experimental Catchment in Hungary, which included the meteorological station installed on the rooftop of the historic 14th-century Máré Castle. We also toured the Magyaregregy Lászlóffy Woldemár Hydrometry Camp, gaining firsthand insights into the infrastructure supporting long-term hydrological monitoring and data collection on a catchment scale.