

Newsletter #6

Reflecting on an Exciting Journey – The Final TwinSubDyn Newsletter –

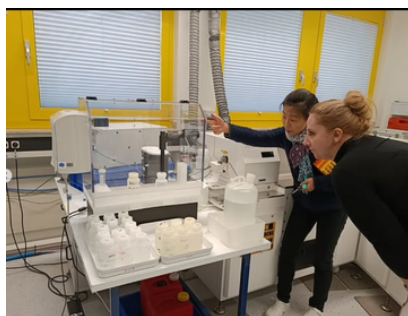
- As the TwinSubDyn project draws to a close, we look back on an inspiring and eventful journey filled with scientific challenges, innovative ideas, and strong collaboration. Over the past years, TwinSubDyn has brought together dedicated researchers, experts, and institutions with one shared goal: to strengthen the scientific capacity in understanding subsurface dynamics and their role in environmental protection and sustainable land use.
- Throughout the project, we tackled complex research questions, organized impactful training sessions, developed cutting-edge methodologies, and built long-lasting partnerships. From field campaigns and laboratory analyses to international workshops and knowledge-sharing events, every step was an opportunity for growth, learning, and innovation.
- The journey was not without its challenges, but it was precisely these moments that sparked our creativity and pushed us forward. We are proud of the achievements made and the legacy TwinSubDyn leaves for future scientific endeavors in the region and beyond.
- Thank you to all who have been a part of this exciting chapter—we invite you to explore our final results and stay connected as we continue building on the foundations laid by TwinSubDyn.



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Secondments

As part of the TwinSubDyn project activities, Prof. Dr. Snežana Maletić (PI of the project), Dr. Tamara Apostolović, and Dr. Slaven Tenodi visited Forschungszentrum Jülich in Germany. During their stay, they had the opportunity to deepen their expertise, engage in intensive knowledge exchange, and explore advanced research methodologies in environmental sciences. The visit fostered meaningful collaboration with international experts, and several joint scientific publications were initiated as a result. This experience significantly contributed to strengthening the research capacity of the home institution and to the overall objectives of the TwinSubDyn project.



Prof. Dr Snezana Maletic, Dr Tamara Apostolovic and Dr Slaven Tenodi at Forschungszentrum Jülich, Germany



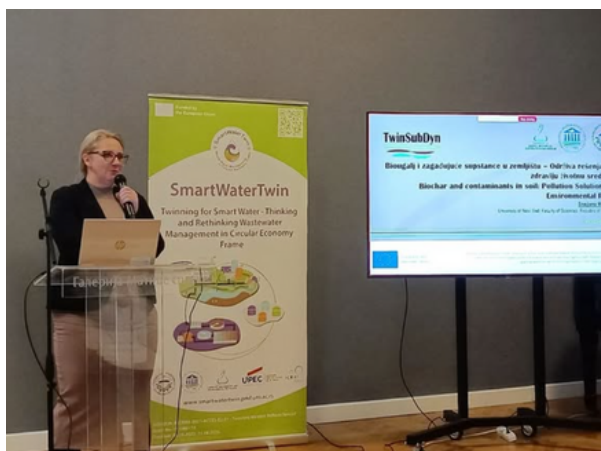
TwinSubDyn meetings highlighted once again their teamwork and commitment to moving forward.

TwinSubDyn project meeting at Bonn, Germany

Conferences

TwinSubDyn member Álvaro F. García Rodríguez participated at EGU General Assembly 2025 held in Vienna, Austria from April 27 to May 2 with paper titled "Evaluation aging of biochar application to deficient N soils on their N cycling using ^{15}N isotope tracer, plant growth and soil biochemical parameters"





From April 1-3, the 12th Memorial Scientific Conference on Environmental Protection “Docent Dr. Milena Dalmacija” took place in the Great Hall of Sava Tekelija at Galerija Matice Srpske in Novi Sad.

PI of the TwinSubDyn project team Prof. Dr. Snezana Maletić had a plenary lecture.

Public events, workshops

The TwinSubDyn Science Communication Workshop, aimed at enhancing science communication competencies and promoting scientific engagement with wider audiences, was held on April 17, 2025, at the Faculty of Sciences, University of Novi Sad, the coordinating institution of the TwinSubDyn project.

The primary objective of the workshop was to explore the evolving field of science communication and emphasize the importance of disseminating research findings in a manner that inspires positive societal change, enhances public understanding and capacity, and fosters innovative thinking.



On February 6, 2025, The Association for Water Technology and Sanitary Engineering (UTVSI) organized the XXII AQUA FEST at the Chamber of Commerce in Belgrade. This event was a great opportunity to present our project to industry professionals and key stakeholders.



Prof. Maletić participated in the series of talks about Transforming Waste into Resources – Join Our Lecture Series! She highlighted a critical issue: organic matter is vanishing from our fields' soil, threatening fertility and food production. Could biochar be the answer—binding pollutants while addressing this crisis?



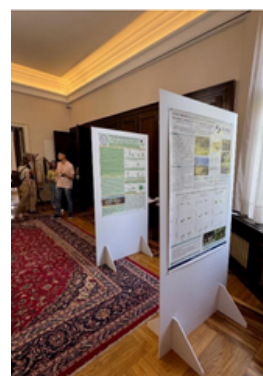
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Final event

Summer School on Sustainable organic amendment applications from a soil and ground water management perspective
- learning, training, and knowledge exchange activity-

One of the highlights of the final project phase was the successful organization of the TwinSubDyn Summer School, held in Novi Sad from June 2nd to 6th, 2025. The event gathered young researchers, students, and experts from across Europe for an intensive week of lectures, hands-on training, and fieldwork, focusing on subsurface dynamics and advanced environmental monitoring techniques.

The school served not only as a platform for knowledge transfer and skill development, but also as a space for networking, idea exchange, and fostering future collaborations. Its success clearly demonstrated the importance of investing in the next generation of scientists and strengthening academic capacities in the Western Balkans region.



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Summer School in numbers:

5 days

8 Keynote speakers

70 participant per day

47 submitted abstracts:

17 oral presentations by PhD students

22 Poster presentations: 22

Training activities: actively participated all students

Networking opportunities



Award for Best Poster and Oral Presentation

Poster • Maia Batsatsashvili: Deforestation Effects on The Spatial Distribution of C and N In the Soils of a Forested Headwater Catchment in The Eifel, Germany – FZJ, Julich o

Oral • Leah Eitelberg: Impact of Subsoil Melioration and Long-term Agriculture management on Water Use of Arable Crops -, INRES- University of Bonn



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(if you haven't already) and download
material from our Summer School,
dive deep in science and help us to
shape a better future!**



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"Every story has an end, but in life, every end is a new beginning."

With the completion of TwinSubDyn, we carry forward the lessons, partnerships, and momentum into future challenges and collaborations.



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