NEWSLETTER NO.2

JANUARY, 2026

EnviroChar

Science Fund of the Republic of Serbia

The EnviroChar project aims to advance sustainable solutions at the intersection of green chemistry, waste valorization, and environmental protection.

By transforming diverse organic wastes into high-value biochar, the project explores innovative reaction pathways and advanced electrode modifications for sensing and mitigating persistent organic pollutants.

The results of this research project not only strengthen the application of the 12 principles of green chemistry across the full product life cycle, but also supports the transition from waste to resources, contributing to a circular and resource-efficient economy.

THIS RESEARCH WAS SUPPORTED BY THE SCIENCE FUND OF THE REPUBLIC OF SERBIA, #GRANT NO 10810 SUSTAINABLE SOLUTIONS IN ENVIRONMENTAL CHEMISTRY: EXPLORING BIOCHAR POTENTIAL–ENVIROCHAR

Public EVENTS

Newsletter
NO. 2

XXII AQUA FEST 2025, BELGRADE, SERBIA

FORUM "VODA", BELGRADE, SERBIA

FAIR OF ECOLOGY, NOVI SAD, SERBIA

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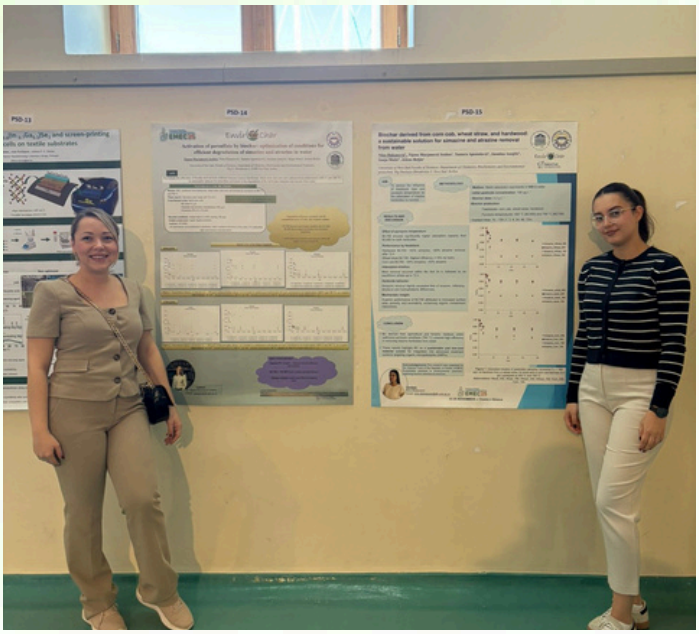
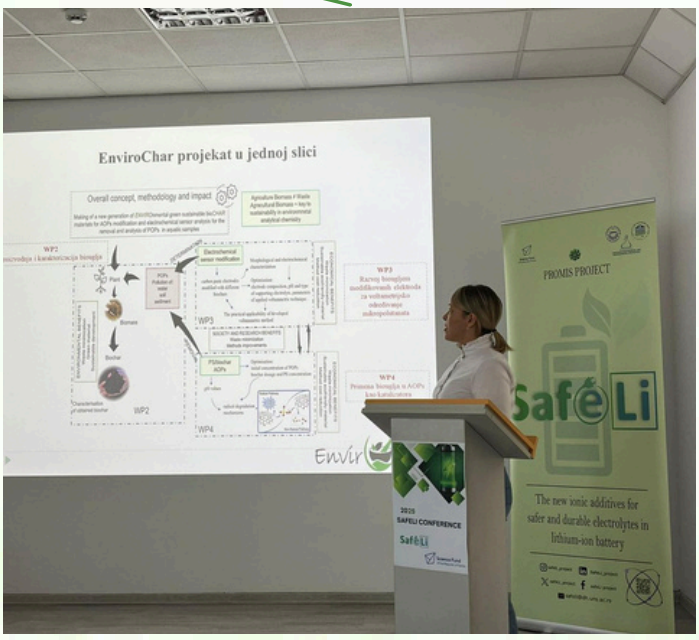
Conferences Newsletter

NO. 2



EUROPEAN MEETING ON ENVIRONMENTAL CHEMISTRY, CHANIA, GREECE

MIMOSENSA'S PROJECT CONFERENCE, BELGRADE, SERBIA



SAFELI'S PROJECT CONFERENCE, NOVI SAD, SERBIA

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Workshops

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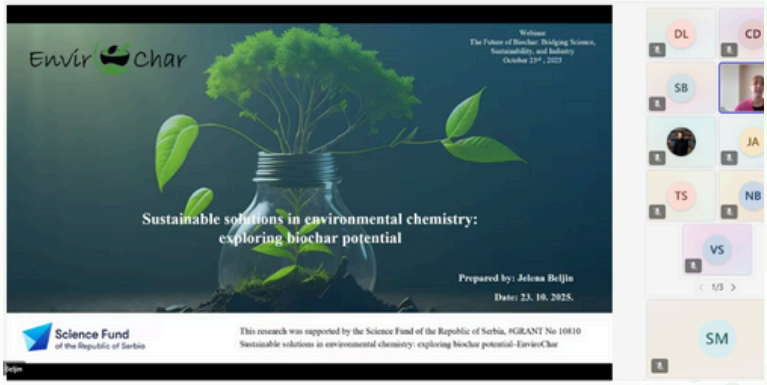
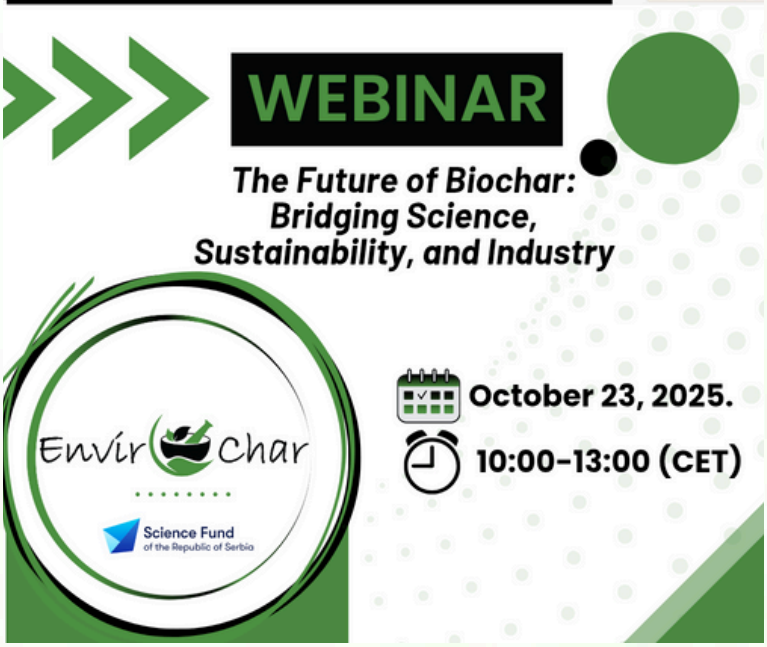
NO. 2

TWINSUBDYN WORKSHOP,
NOVI SAD, SERBIA





ENVIROCHAR WEBINAR

BIOCOMPWATERCLEAN WORKSHOP,
NOVI SAD, SERBIA

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ELSEVIER

Talanta
Volume 287, 15 May 2025, 127648

Exploring wood-derived biochar potential for electrochemical sensing of fungicides mancozeb and maneb in environmental water samples

Sanja Mutić [a], Jasmina Anojčić [a], Nina Đukanović [a], Tamara Apostolović [a], Tajana Simetić [a], Jelena Petrović [b], Jelena Beljin [a]

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Article

Biochar as a Catalyst in Persulfate Activation: A Sustainable Approach to Remove Pesticides from Water

Tajana Simetić, Tijana Marjanović Srebro *, Tamara Apostolović, Jasmina Anojčić, Nina Đukanović, Sanja Mutić, Jelena Molnar Jazić and Jelena Beljin

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Article

Sustainable Activation of Persulfate Using Corn Cob Biochar for Pesticide Degradation in Wastewater Treatment

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Article

Comparative Study of Biochar from Different Biomass Feedstocks: Toward Sustainable Resource Utilization and Environmental Applications

Nina Đukanović [1], Tamara Apostolović [1,*], Jasmina Anojčić [1], Sanja Mutić [1], Tijana Marjanović Srebro [1], Gábor Kozma [2], Cora Deák [2], Snežana Maletić [1] and Jelena Beljin [1]

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