

15.

KONGRES HRVATSKOG TLOZNANSTVENOG DRUŠTVA



Program

“Gospodarenje tlom i interdisciplinarni pristupi globalnim izazovima”



15th

CONGRESS OF THE CROATIAN SOCIETY OF SOIL SCIENCE

Program

“Soil Management and Interdisciplinary Approaches to Global Challenges”

14.-18. rujna 2026., Vodice, Hrvatska
14-18 September 2026, Vodice, Croatia

15. KONGRES HRVATSKOG TLOZNANSTVENOG DRUŠTVA
Gospodarenje tlom i interdisciplinarni pristupi globalnim izazovima



15th CONGRESS OF THE CROATIAN SOCIETY OF SOIL SCIENCE
Soil Management and Interdisciplinary Approaches to Global Challenges

HRVATSKI	VRIJEME / TIME	ENGLISH
Ponedjeljak, 14. rujna 2026.		Monday, September 14, 2026
Predvorje hotela	Lokacija / Location	Hotel lobby
Dolazak i registracija sudionika	12:00–18:00	Arrival and participant registration
Hotelski bazen	Lokacija / Location	Hotel pool
Večer dobrodošlice, glazba uz DJ-a*	20:00–23:00	Welcome Reception, DJ music*
Utorak, 15. rujna 2026.		Tuesday, September 15, 2026
Predvorje hotela	Lokacija / Location	Hotel lobby
Registracija sudionika	8:00–16:00	Participant registration
Kongresna dvorana	Lokacija / Location	Congress Hall
Svečano otvorenje	09:30–10:15	Opening ceremony
Pauza s kavom*	10:15–10:30	Coffee break*
Plenarna izlaganja	10:30–12:30	Plenary lectures
Rasprava	12:30–13:00	Discussion
Vrijeme za ručak	13:00–15:00	Lunch break
Okrugli stol (na hrvatskom jeziku) Što donosi nova EU Direktiva o praćenju i otpornosti tla	16:00–17:00	Round table (in Croatian) What Does the New EU Soil Monitoring and Resilience Directive Bring?
Park iza hotela	Lokacija / Location	Park behind the hotel
Poster sekcija (uz koktele*)	18:00–20:00	Poster session (with cocktails*)
Srijeda, 16. rujna 2026.		Wednesday, September 16, 2026
Predvorje hotela	Lokacija / Location	Hotel lobby
Registracija sudionika	8:00–16:00	Participant registration
Kongresna dvorana	Lokacija / Location	Congress Hall
Predavanja (8)	09:00–10:30	Lectures (8)
Pauza s kavom*	10:30–11:00	Coffee break*
Predavanja (8)	11:00–12:30	Lectures (8)
Vrijeme za ručak	12:30–14:30	Lunch break
Predavanja (7)	14:30–15:50	Lectures (7)
Pauza s kavom*	15:50–16:10	Coffee break*
Predavanja (6)	16:10–17:30	Lectures (6)
Konoba hotela	Lokacija / Location	Tavern of the hotel
Svečana večera*	20:00–24:00	Gala dinner*
Četvrtak, 17. rujna 2026.		Thursday, September 17, 2026
Predvorje hotela	Lokacija / Location	Hotel lobby
Polazak na ekskurziju	9:00	Departure for excursion
Pedološki profili (2), Đevrske	09:45–11:15	Soil profiles (2), Đevrske
Ručak: Ruralni poduzetnički inkubator Krka Kistanje *	11:45–13:30	Lunch: Krka Kistanje Rural Business Incubator *
Posjet NP Krka*	14:30–17:00	Visit to Krka National Park*
Petak, 18. rujna 2026.		Friday, September 18, 2026
Odlazak	11:00	Departure

*uključeno u cijeni kotizacije

*included in the registration fee

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Tuesday, September 15, 2026		Utorak, 15. rujna 2026.
Lokacija / Location	Congress Hall	Kongresna dvorana
09:30–10:15	Opening ceremony	Svečano otvorenje
10:15–10:30	Coffee break*	Pauza s kavom*
	Plenary lectures	Plenarna izlaganja
	Moderator: Marko Petek	Moderator:
10:30–11:10	Gevorg Tepanosyan	Potentially Toxic Elements (PTE) in Soil: Baseline Distribution, Pollution Indices, and High-Background Areas
11:10–11:50	Miriam Muñoz-Rojas	Soil Biodiversity for a Changing World: Restoration, Resilience and Sustainable Soil Management
11:50–12:30	Lars J. Munkholm	Conservation agriculture effects on soil health and crop yield – lessons learned from a Danish long-term experiment
12:30–13:00	Discussion	Rasprava
13:00–15:00	Lunch break	Vrijeme za ručak
	Round table (in Croatian)	Okrugli stol (na hrvatskom jeziku)
	Moderator: Aleksandra Perčin	Moderator:
16:00–17:00	What Does the New EU Soil Monitoring and Resilience Directive Bring?	Što donosi nova EU Direktiva o praćenju i otpornosti tla
Lokacija / Location	Park iza hotela	Park behind the hotel
18:00–20:00	Poster session	Poster sekcija
	Moderators Monika Tkalec, Jovica Vasin, Marko Reljić	Moderatori:
P1	Nargiza Akhmetalina, Aiganyam Asan, Almagul Baubekova, Nurshat Yermekova, Zhanar Narmuratova, Aigerim Mamirova	Development of microbial–biochar complexes using biochar produced from organic waste
P2	József Tibor Aranyos, Božena Šoltysová, László Zsombik, Ladislav Kováč	Effects of conventional and conservation tillage systems on clay-loamy soil in long-term tillage experiment
P3	Darko Bakšić, Ivan Perković, Vibor Roje, Nikola Pernar, Tajana Kruhac, Zvonimir Piškor, Anto Barunčić	Soil organic carbon stocks in floodplain ash (<i>Fraxinus angustifolia</i> Vahl) stands of Posavina region
P4	Alexandra Balódi, Zuzana Feketeová, Malvína Reiffers Čierniková, Sanja Nosalj	Microbial biomass and cellulose decomposition as indicators of early brownfield soil recovery
P5	Tin Batur, Marko Reljić, Marina Bubalo Kovačić, Vinko Lešić, Monika Zovko	Spatial and temporal prediction of soil salinization using multisensor data and machine learning models
P6	Ante Biško, Goran Kiš, Valerija Marković, Alen Džidić	Long-term extensive management without fertilization: effects on mineral composition of hay and its nutritional value for ruminants in a semi-natural grassland



P7	Ante Biško	Residual effects of NPK fertilization on soil chemical properties in citrus increase block systems
P8	Luka Brezinscak, Dalibor Jurina, Igor Bogunović, Marija Galić, Željka Zgorelec, Aleksandra Perčin, Ivica Kisić	Green manure and fallow as sustainable practices for soil quality and spring crop yield enhancement
P9	Danko Cvitan, Dominik Andelini, Melisa Prelac, Zoran Užila, Igor Pasković, Nikola Major, Marko Černe, Smiljana Goreta Ban, Marijan Bubola, Tomislav Karažija, Marko Petek, Ana Jeromel, Ivan Nemet, Dean Ban, Igor Palčić	Effect of biochar application on soil CO ₂ emissions and water retention in a vineyard
P10	Mihajlo Ćirić, Milorad Živanov, Dunja Anđelić, Stanko Milić, Jordana Ninkov, Jovica Vasin, Snežana Jakšić	The effect of direct sowing on soil properties of Chernozem
P11	Katerina Doneva, Milena Kercheva, Tsvetina Paparkova, Dilyana Ilieva	Thermal properties of moderately eroded Vertic Chromic Luvisols under different land use
P12	Zuzana Feketeová, Malvína Reiffers Čierniková, Barbara Mangová, Marek Semelbauer	Effects of fire on soil oribatid communities in a Solidago canadensis monoculture
P13	Adrijana Filipović, Ana Mandić, Marija Banožić, Antonio Stipanović, Helena Brekalo	Efficiency and kinetics of phenol degradation during vermicomposting of olive pomace and cattle manure
P14	Marija Galić, Darija Bilandžija, Danijel Jug, Irena Jug, Željka Zgorelec	Tillage, liming and carbon dioxide emissions in maize vegetation: a case study in central Croatia
P15	Astghik Gevorgyan, Zhenya Poghosyan, Gevorg Tepanosyan	Geochemical Patterns of niobium (Nb) and background levels in Lori soils (Armenia)
P16	Astghik Gevorgyan, Zhenya Poghosyan, Lilit Sahakyan, Gevorg Tepanosyan	Ecogeochemical assessment of lead in residential, industrial, and green areas of cities of Yerevan, Gyumri, and Vanadzor
P17	Adela Grabež Barut, Ante Guberac, Brigita Popović, Suzana Kristek, Marina Martinović, Josipa Jović, Davor Kojić, Jurica Jović	The effect of pH on the phosphorus solubilizing ability of <i>Pseudomonas guariconensis</i> (DSM 28410)
P18	Davorka Hackenberger Kutuzović, Branimir Hackenberger Kutuzović, Stjepan Krčmar, Oleg Antić, Goran Palijan, Olga Jovanović Glavaš, Vesna Peršić, Jasenka Antunović Dunić, Tamara Đerđ	An integrated research framework for assessing terrestrial ecosystem resilience to drought and soil degradation
P19	Dario Iljkić, Bruno Verner, Mirta Rastija, Miro Stošić, Manda Antunović, Ivana Varga	Soil cultivation and sowing effects on wheat agronomic traits
P20	Vladimir Ivezić, Ljudevit Balić, Jurica Jović	Aboveground and belowground C stock in willow SRC stands
P21	Danijel Jug, Irena Jug, Boris Đurđević, Bojana Brozović, Tomislav Vinković, Monika Marković, Vesna Vukadinović, Dalida Galović, Zvonko Zeko, Vedran Lederer	Conservation agriculture as a response to soil degradation in vegetable and crop production
P22	Krunoslav Karalić, Brigita Popović, Zdenko Lončarić, Meri Engler, Vladimir Zebec, Vladimir Ivezić	Comparison of regression models and neural networks for assessing microelements availability in limed soils
P23	Milena Kercheva, Lev Tribis, Katerina Doneva, Maya Staneva, Pavlina Vasileva, Hristo Valchovski, Gergana Kuncheva, Jonita Perfanova, Tsvetina Paparkova	Properties of Fluvisols contaminated with microplastics



P24	Ivica Kisić, Aleksandra Perčin, Igor Bogunović, Željka Zgorelec, Radica Ćorić, Marija Budimir, Marija Galić	The effect of the bora wind on soil quality in the surrounding of the towns Pag and Novalja
P25	Kristijan Konopka, Boris Lazarević, Sanja Slunjski, Ante Biško, Antun Šokec, Mihaela Šatvar Vrbanić, Marija Zrnić, Milan Poljak	Regional variation in soil chemistry across Croatian potato growing areas revealed by multivariate analysis
P26	Suzana Kristek, Zdenko Lončarić, Jurica Jović, Krunoslav Dugalić	Impact of application of beneficial microorganisms on the number of microorganisms in soil in vineyard plants
P27	Tajana Kruhak, Nikola Pernar, Darko Bakšić, Linda Bjedov, Vibor Roje, Ivan Perković	Soil properties of narrow-leaved ash stands along the Sava river
P28	Vedran Lederer, Irena Jug, Bojana Brozović, Boris Đurđević, Gabriella Kanižai Šarić, Danijel Jug	Impact of conservation tillage on the structure and functional activity of microbial communities
P29	Ivan Magdić, Vedran Rubinić, Boris Lazarević, Aleksandra Bensa	Slope position and subsurface compacted horizon effects on total root distribution in a grass-covered vineyard
P30	Ivan Magdić, Aleksandra Bensa, Vedran Rubinić, Mario Sraka, Kristina Krklec, Danijela Jungić, Nikolina Jurković Balog, Goran Fruk, Hrvoje Hegeduš, Stanko Ružičić	Integrated approach to determining the moisture regime of Pseudogley in vineyards – presentation of the InteReV project
P31	Barbara Mangová, Zuzana Feketeová, Andrej Hrabovský	Edaphic factors shape oribatid mite communities in urban forest soils
P32	Maja Manojlović	Trace elements in urban park soils and plants of Novi Sad
P33	Mile Markoski, Tatjana Mitkova, Marija Todorovska, Marko Petek	Soil organic carbon stocks in soils developed on carbonate parent material in North Macedonia
P34	Artem Medkov, Tatyana Stefanovska, Pavlo Shapoval, Vitalii Stadnik, Martyn Sozanskyi, Valentina Pidlisnyuk	Biostimulants and soil texture effects on entomopathogenic nematodes in miscanthus-based systems on degraded soils
P35	Stanko Milić, Jordana Ninkov, Darko Jakšić, Jovica Vasin, Milorad Živanov, Dušana Banjac, Snežana Jakšić	Soil characterization for the geographical indication of plum brandy in Šumadija, Serbia
P36	Miriam Muñoz-Rojas, Silvia Macis, Antonio Vargas-Ordóñez, Claudia Coleine, Pilar Pineda, Eloisa Pajuelo-Domínguez, Yolanda Cantón, Michela Marignani	MICROTERRA: Harnessing stress-adapted soil microbiomes to restore soil functionality in Mediterranean drylands
P37	Jordana Ninkov, Darko Jakšić, Jovica Vasin, Stanko Milić, Milorad Živanov, Ivan Bradić, Veljko Perović	From pedological mapping to improved viticultural production: a case study of the Rasina administrative District, Serbia
P38	Miroslav Periškić, Karolina Vrandečić, Krunoslav Karalić, Brigita Popović	Soil–climate interactions in sugar beet (<i>Beta vulgaris</i> L.) production: An interdisciplinary assessment of adaptation strategies in Southern regions
P39	Marko Petek, Karlo Milak, Goran Fruk, Kristijan Konopka, Antun Šokec, Mihaela Šatvar Vrbanić, Mile Markoski, Tomislav Karažija	Nitrogen and magnesium content of apples available on the Zagreb market
P40	Karlo Petrinović, Goran Andabak, Fran Abramović, Tajana Kruhak, Ivan Perković	Organic carbon stocks and total nitrogen in forest litter and soil in the pedunculate oak–common hornbeam community (<i>Carpino betuli–Quercetum roboris</i> /Anić 1959 / Rauš 1971) of different ages



P41	Valentina Pidlisnyuk, Sergiy Ust'ak, Robert Ato Newton, Aigerim Mamirova, Vojtěch Váňa	Revitalization of military conflict-affected soils through miscanthus-based advanced phytotechnology with waste-derived soil amendments
P42	Zhenya Poghosyan, Astghik Gevorgyan, Lilit Sahakyan, Gevorg Tepanosyan	Arsenic in urban soils of Yerevan: 1989, 2002, and 2012 soil surveys
P43	Brigita Popović, Mislav Đidara, Daria Jovičić, Darko Kerovec	Occurrence and Polymer Composition of Microplastics in Agricultural Soils of Eastern Croatia
P44	Lazar Radulović, Nikola Živanović, Vukašin Rončević, Siniša Polovina, Stevan Ćorluka	Soil pollution and risk assessment around Morava thermal power plant
P45	Marko Reljić, Davor Romić, Marina Bubalo Kovačić, Tin Batur, Monika Zovko	Comparing salinity events and persistence metrics between two sites using FDR time series
P46	Abdulmannan Rouhani, Valentina Pidlisnyuk, Karim Suhail Al Souki, Ghazwa Basma, Sergej Ust'ak, Vojtěch Váňa, Andriy Herts	Optimizing biomass ash application from controlled trials to field validation for soil and plant improvement
P47	Stanko Ružičić, Nikola Katić, Zoran Kovač	Influence of mineralogical composition on the transport of metals in the profile of the pseudogley soil at the Jazbina site
P48	Tatyana Stefanovska, Anastasiia Husieva, Andrzej Skwiercz, Valentina Pidlisnyuk, Andriy Herts, Oleksandr Kononchuk, Victor Markiv, Pavlo Shapoval, Vitalii Stadnik, Martyn Sozanskyi	Three-year biochar effects on soil carbon dynamics and nematode food web under miscanthus in post-conflict soils
P49	Antonija Strilić, Gordana Bukvić, Goran Herman, Meri Engler, Krunoslav Karalić	Impact of salinity and irrigation regime on substrate mineral composition and morphological properties of forage pea (<i>Pisum sativum</i> L.)
P50	Anna Swiercz, Monika Bogdanowicz	The influence of soil physicochemical properties on the status of the <i>Lycopodium annotinum</i> L. population in selected forest habitats of the Wieluń Upland and the Kielce Upland (southern Poland)
P51	Andrzej Szlachta, Jarosław Lasota, Ewa Błońska	Influence of Histosol dehydration on soil enzymatic activity and stoichiometry
P52	Mihaela Šatvar Vrbanić, Marko Petek, Antun Šokec, Tomáš Lošák, Tomislav Karažija, Željko Jukić, Erik Meers, Lepomir Čoga	Effects of cattle manure and digestate fractions on selected soil microelement concentrations
P53	Ivana Šestak, Andrea Jozinović	Long-term trends in soil temperature across agricultural regions of Croatia
P54	Antun Šokec, Goran Fruk, Mihaela Šatvar Vrbanić, Kristijan Konopka, Marko Petek	How do apple leaf iron dynamics respond to fertigation with an iron-free Hoagland solution?
P55	Monika Tkalec Kojić, Boris Ravnjak, Josipa Jović, Marta Doboš, Marinka Andraković, Patricia Črlić, Zdenko Lončarić	Water loss dynamics and morphological responses of <i>Portulaca oleracea</i> grown in different growing medium compositions
P56	Jovica Vasin, Stanko Milić, Milorad Živanov, Jordana Ninkov, Snežana Jakšić, Bjanka Čuturilo	The influence of the application of sewage sludge compost on certain chemical properties of the soil
P57	Vladimir Zebec, Larisa Bertić, Mihaela Rakitić, Zoran Semialjac, Matea Šimić, Vladimir Ivezić, Zdenko Lončarić	Effect of Soil Properties on Soil Electrical Conductivity
P58	Milorad Živanov, Radivoje Jevtić, Vesna Župunski, Vladimir Acín, Anja Dolapčev Rakić, Vladimir Sikora, Dušana Banjac	Soil type and regional pedological context drive soil N, P, and K responses in lupin–oat cropping systems
P59	Nikola Živanović, Vukašin Rončević, Lazar Radulović, Siniša Polovina, Stevan Ćorluka	Spatial Variability of Heavy Metals and Associated Ecological and Human Health Risks at the Kolubara A Thermal Power Plant Complex

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Wednesday, September 16, 2026		Srijeda, 16. rujna 2026.
Lokacija / Location	Congress Hall	Kongresna dvorana
	Oral presentations	Usmena izlaganja
	Moderators:	Moderatori:
	Bořivoj Šarapatka, Marina Bubalo Kovačić	
9:00	Branimir Hackenberger Kutuzović, Tamara Đerđ, Domagoj Hackenberger Kutuzović, Davorka Hackenberger Kutuzović	Large language models and AI agents in multi-modal soil ecology research
9:10	Aleksandar Baumgertel, Sara Lukić, Predrag Miljković, Julijana Pažinović, Verica Živković, Zoran Miletić	Long-term environmental effects of black locust (<i>Robinia pseudoacacia</i>) on a forest reclaimed mine overburden dumps
9:20	Dawid Kupka, Karolina Staszal-Szlachta, Jacek Banach, Stanisław Łyszczarz, Stanisław Małek	Model-based assessment of soil chemical controls on early growth of Scots pine (<i>Pinus sylvestris</i> L.) seedlings under contrasting nursery production systems
9:30	Sara Lukić, Aleksandar Baumgertel	Spatial assessment and GIS-based mapping of protective forest belts in Vojvodina (Serbia)
9:40	Karolina Staszal-Szlachta, Jarosław Lasota, Ewa Błońska	The impact of simulated drought on litter decomposition in stands
9:50	Bořivoj Šarapatka, Marek Bednář	Integrated soil protection and biodiversity enhancement via strip cropping and landscape connectivity
10:00	Marina Bubalo Kovačić, Davor Romić, Monika Zovko, Marko Reljić, Gabrijel Ondrašek	Land use change in Croatia and its impact on water quality
10:10	Monika Gričnik, Klara Čevka, Janez Bergant	Updating the Soil Map of Slovenia (1:25,000) Using Digital Solutions
10:20	Discussion	Rasprava
10:30	Coffee break	Pauza s kavom
	Moderators	Moderatori:
	Bojana Brozović, Ivica Kisić	
11:00	Bojana Brozović, Irena Jug, Boris Đurđević, Vedran Lederer, Danijel Jug	Intercropping in conservation agriculture: A path towards more resilient and sustainable agroecosystems
11:10	Muhammad Riaz, Maryam Adil, Hashir Najeed, and Shamina Imran Pathan	Wheat-legume intercropping improves crop productivity and soil quality: Results from living labs across Pakistan under LEGUMINOSE Project
11:20	Ivica Kisić, Aleksandra Perčin, Marija Galić, Igor Bogunović	Effects of conservation tillage on soil erosion and soil quality in Stagnosols
11:30	Klára Pokovai, Márton Dencső, Zsófia Bakacsi, Gábor Szatmári, Annamária Laborczi, István Balla, Eszter Tóth	Tillage effects on Haplic Kastanozem soil and crop performance in Hungary: A strategy for drought adaptation

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11:40	Viktor Kolchakov, Gergana Kuncheva, Milena Kercheva, Martin Nenov, Katerina Doneva, Tsvetina Paparkova, Plamena Nikolova, Atanas Atanasov	Effect of subsoiling on soil structure characteristics of Haplic Chernozems in Northern Bulgaria
11:50	Marko Runjić, Karmen Radovani, Branimir Urlić	The nutritional status of vineyards established on reclaimed karst in southern Adriatic part of Croatia
12:00	Ante Biško, Boris Lazarević, Ivana Paladin Soče, Marijo Car, Iva Mračić Raič, Mara Marić	The influence of fertilisation, rootstock and citrus variety on production efficiency indicators and grafting bud utilisation
12:10	Đurica Pardon	Cultivating the soul: The ethical dimension of agronomy in light of biblical teaching
12:20	Discussion	Rasprava
12:30	Lunch break	Vrijeme za ručak
	Moderators:	Moderatori:
	Ivana Varga, Lončarić Zdenko	
14:30	Mykola Kochiiieru, Jonas Volungevičius, Simona Pranaitienė	Determination of soil bulk density using various methods and their relationship with soil organic carbon content
14:40	Zdenko Lončarić, Vladimir Zebec, Renata Glavaš Tokić, Hana Fajković, Hrvoje Hefer, Milena Andrišić, Miroslav Božić	Model for predicting the effect of sugar factory lime on acidic soils of varying degrees of degradation
14:50	Iva Nikolin, Jurica Jović, Vladimir Ivezić, Aleksandra Perčin, Vladimir Zebec	The impact of seaweed treatments on the health of agricultural soils
15:00	Mihaela Šatvar Vrbančić, Marko Petek, Antun Šokec, Tomislav Karažija, Kristijan Konopka, Željko Jukić, Tomáš Lošák, Erik Meers, Lepomir Čoga	Recycling nutrients through digestate fractions: impacts on maize silage yield and nutrient uptake
15:10	Ivana Matejić, Vlado Ličina, Matija Krpović, Svetlana Antić Mladenović	Effects of phosphorus input and nitrogen form on nutrient dynamics and grapevine growth in severely disturbed post-mining deposol
15:20	Ivana Varga, Mario Lasić, Manda Antunović, Goran Herman, Dario Iljkić	Initial growth of sunflower genotypes as influenced by aqueous solution pH
15:30	Batoul Hamade, Valentina Pidlisnyuk, Ghazwa Basma, Abdulmannan Rouhani, Karim Suhail Al Souki	Enhancing the soil quality with different amendments under the cultivation of <i>Silphium perfoliatum</i> : Field experiment

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15:40	Discussion	Rasprava
15:50	Coffee break	Pauza s kavom
	Željka Zgorelec, Stanko Ružičić	
16:10	Ghazwa Basma, Tatyana Stefanovska, Andrzej Skwiercz, Sergiy Ust'ak, Valentina Pidlisnyuk	Arundo donax and organic amendment-assisted phytomanagement for improving soil health on a brownfield site
16:20	Tijana Miličević, Aleksandar Baumgertel, Tijana Mutić, Nikola Burazer, Gordana Gajica	Integrated environmental and human health risk assessment of potentially toxic elements in therapeutic geological muds and peloids
16:30	Aleksandra Perčin, Helena Stanić, Željka Zgorelec, Ivana Šestak, Marija Galić, Ivica Kisić	Assessment of ecological and health risks from metal exposure in soils at the Jadral factory waste disposal site
16:40	Zhenya Poghosyan, Astghik Gevorgyan, Lilit Sahakyan, Gevorg Tepanosyan	Soil arsenic (As) contents in urban and agricultural soils
16:50	Stanko Ružičić, Tomislav Brenko, Dora Rebeka Kunštić	The potential impact of anthropogenic sources on the distribution of potentially toxic metals in the soil in the Petruševac area
17:00	Željka Zgorelec, Iva Hrelja, Ivana Šestak, Darija Bilandžija, Ivan Širić, Dragan Bubalo, Saša Prdun, Nikica Šprem, Ivica Kisić, Tomislav Bituh, Branko Petrinc, Gorana Karanović, Ivana Tucaković, Milica Miličević, Davor Rašeta, Andrea Rapić	⁴⁰ K and ¹³⁷ Cs content in food from the environment of the future radioactive waste disposal centre
17:10	Discussion	Rasprava
Lokacija / Location	Tavern of the hotel	Konoba hotela
20:00-24:00	Gala dinner*	Svečana večera*

Thursday, September 17, 2026		Četvrtak, 17. rujna 2026.
Hotel lobby	Location / Lokacija	Predvorje hotela
Departure for excursion	9:00	Polazak na ekskurziju
Soil profiles (2), Đevrske	09:45–11:15	Pedološki profili (2), Đevrske
Lunch: Krka Kistanje Rural Business Incubator *	11:45–13:30	Ručak: Ruralni poduzetnički inkubator Krka Kistanje *
Visit to Krka National Park*	14:30–17:00	Posjet NP Krka*
Friday, September 18, 2026		Petak, 18. rujna 2026.
Departure	11:00	Odlazak

*included in the registration fee

*uključeno u cijeni kotizacije



Doprinos društvu kroz znanost i tehnologiju

Shimadzu je vodeći svjetski proizvođač analitičkih i mjernih instrumenata. Nudimo sofisticirana i optimalna rješenja neophodna za istraživanje, razvoj i kontrolu kvalitete.

Naša rješenja!

Sustavi za plinsku kromatografiju (GC) osiguravaju pouzdanu i osjetljivu analizu hlapljivih spojeva sadržanih u uzorku.



Masena spektrometrija s induktivno spregnutom plazmom (ICP-MS) je tehnika u kojoj se induktivno spregnuta plazma koristi kao ionizacijski izvor, a detekcija se vrši masenom spektrometrijom.



Spektrofotometri mjere intenzitet svjetlosti koju apsorbiraju ili emitiraju kemijske tvari.



Analizatori ukupnog organskog ugljika (TOC) mjere ukupnu količinu organskog ugljika u vodi, plinovima i čvrstim tvarima. Zadovoljavaju raznolik raspon potreba u područjima kao što su istraživanje okoliša, kontrola kvalitete i upravljanje procesima.



Sustavi za plinsku kromatografiju - masenu spektrometriju (GC/MS) omogućuju brzu identifikaciju nepoznatih komponenti i preciznu kvantitativnu analizu, čak i za komponente u tragovima.



Sustavi za visoko učinkovitu tekućinsku kromatografiju (HPLC) podržavaju širok raspon aplikacija, uključujući analizu hrane, lijekova te uzoraka iz okoliša.



Sustavi za tekućinsku kromatografiju (LC) uspješno razdvajaju tvari na osnovi razmjesta između čvrste stacionarne faze i tekuće mobilne faze.



KONTAKTIRAJTE NAS!

Shimadzu d.o.o.
Zavrtnica 17, Zagreb, Hrvatska
tel. +385 1 6185 777
shimadzu@shimadzu.hr



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