



9th International Conference  
**WATER FOR ALL**  
19-20 May 2022 Osijek - Croatia

9th International Conference  
**WATER FOR ALL 2022**  
Faculty of Agrobiotechnical Sciences Osijek  
Osijek, Croatia  
19-20 MAY 2022  
PROGRAMME

9. međunarodna konferencija  
**VODA ZA SVE 2022.**  
Fakultet agrobiotehničkih znanosti Osijek  
Osijek, Hrvatska  
19.-20.5.2022.  
PROGRAM

**19 / 05 / 2022**

**Thursday / Četvrtak**

9,00 – 10,00	Registration Registracija
10,00 – 10,30	<b>OPENING CEREMONY</b> <b>9th International Conference WATER FOR ALL 2022</b> (Aula Magna Hall, 2nd floor) <b>SVEČANO OTVARANJE</b> <b>9. međunarodne konferencije VODA ZA SVE 2022.</b> (Svečana dvorana Aula Magna, 2. kat)
10,30 – 10,55	Plenary lecture / Plenarno predavanje <b>Mario Šiljeg</b> (Croatian Ministry of Economy and Sustainable Development / Ministarstvo gospodarstva i održivog razvoja Republike Hrvatske) <b>WATER MANAGEMENT IN CROATIA – YESTERDAY, TODAY, TOMORROW</b> <b>VODNO GOSPODARSTVO U HRVATSKOJ – JUČER, DANAS, SUTRA</b>
10,55 -11,20	Plenary lecture / Plenarno predavanje <b>Želimir Pekaš</b> (Croatian Waters / Hrvatske vode) <b>GROUNDWATER MANAGEMENT IN CROATIA</b> <b>UPRAVLJANJE PODZEMNIM VODAMA U REPUBLICI HRVATSKOJ</b>
11,20– 11,45	Plenary lecture / Plenarno predavanje <b>Jasna Šoštarić</b> (Josip Juraj Strossmayer University of Osijek / Sveučilište Josipa Jurja Strossmayera u Osijeku) <b>THE ROLE AND IMPORTANCE OF WATER IN AGRICULTURE</b> <b>ULOGA I VAŽNOST VODE U POLJOPRIVREDI</b>
11,45 – 12,00	<b>SPONSORED LECTURE / SPONZORIRANO PREDAVANJE</b> Dragana Prnjak (Miholjački vodovod d.o.o., Donji Miholjac) <b>MIHOLJAČKI VODOVOD D.O.O. - EXAMPLE OF RATIONAL ENERGY MANAGEMENT</b> <b>MIHOLJAČKI VODOVOD D.O.O. – PRIMJER RACIONALNOG GOSPODARENJA ENERGIJOM</b>





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12,00 – 12,10	Goran Sabol, Sanja Kalambura, Darko Kiš <b>WATER – FOOD - ENERGY - HEALTH: IMPORTANCE OF ECOLOGICAL SUSTAINABILITY IN THE CIRCULAR ECONOMY</b> <b>VODA – HRANA – ENERGIJA - ZDRAVLJE: VAŽNOST EKOLOŠKE ODRŽIVOSTI U KRUŽNOM GOSPODARSTVU</b>
12,10 – 12,20	Magdalena Ujević Bošnjak, Iva Šušić, Filip Gajšak, Jurica Štiglic <b>PROCJENA KVALITETE VODE ZA LJUDSKU POTROŠNJU POMOĆU INDEKSA KVALITETE</b> <b>ASSESSMENT OF WATER FOR HUMAN CONSUMPTION USING WATER QUALITY INDEX</b>
12,20 – 13,20	<b>LUNCH BREAK AND POSTER PRESENTATIONS</b> <b>STANKA ZA RUČAK UZ POSTERSKA PRIOPĆENJA</b> (Educational-promotional atrium, ground floor) (Edukacijsko-promocijski atrij, prizemlje)
13,20 – 13,30	Adela Krivohlavek, Martina Ivešić, Sonja Tolić, Sandra Šikić <b>WHAT WE CAN LEARN ABOUT GROUNDWATER BY ANALYTICAL COMPOSITION ANALYSIS</b> <b>ŠTO MOŽEMO SAZNATI O PODZEMNIM VODAMA ANALIZOM IZOTOPNOG SASTAVA</b>
13,30 – 13,40	Alenka Mubi Zalaznik, Urša Brodnik <b>NATURE-BASED SOLUTIONS FOR INTEGRATED LOCAL WATER MANAGEMENT</b> <b>PRIRODNO UTEMELJENA RJEŠENJA ZA INTEGRIRANO LOKALNO UPRAVLJANJE VODAMA</b>
13,40 – 13,55	<b>SPONSORED LECTURE / SPONZORIRANO PREDAVANJE</b> Matea Potkrajčić (Shimadzu d.o.o.) <b>LCMS-8060NX – THE NEW POSSIBILITIES OF MASS SPECTROMETRY</b> <b>LCMS-8060NX – NOVE MOGUĆNOSTI MASENE SPEKTROMETRIJE</b>
13,55 – 14,05	Jelena Loborec, Ranko Biondić, Denis Vedak, Hrvoje Meaški <b>THE IMPACT OF AGRICULTURAL PRODUCTION ON THE GROUNDWATER IN THE BOKANJAC-POLIČNIK CATCHMENT AREA</b> <b>UTJECAJ POLJOPRIVREDNE PROIZVODNJE NA PODZEMNE VODE U SLIVNOM PODRUČJU BOKANJAC-POLIČNIK</b>
14,05 – 14,15	<b>SPONSORED LECTURE / SPONZORIRANO PREDAVANJE</b> Teja Petra Muha, Ante Bubić, Mario Dananić, Lucija Markulin (Labena d.o.o.) <b>NEW APPROACH IN MONITORING WATER QUALITY: eDNA DETECTION</b> <b>NOVI PRISTUP U MONITORINGU KVALITETE VODA: ODREĐIVANJE eDNA</b>
14,15 – 14,25	Hrvoje Sučić, Ivan Damjanović, Marika Kralj, Danijela Bezik, Dario Kolarić, Zdenka Šušić, Mirna Habuda-Stanić, Nataša Turić, Snježana Benkotić, Leontina Toth, Barbara Petrovicky Šveiger, Ines Ruškan, Mirta Eberhard <b>PRESENTATION OF TOTAL PHOSPHORUS AND NITRATE VALUES AS INDICATORS OF ECOLOGICAL CONDITION OF SURFACE WATERS IN KOPAČKI RIT WITHIN THE NATURAVITA PROJECT FOR THE PERIOD FROM JULY 2020 TO JUNE 2021</b> <b>PRIKAZ VRIJEDNOSTI NUTRIJENATA UKUPNOG FOSFORA I NITRATA KAO POKAZATELJA EKOLOŠKOG STANJA POVRŠINSKIH VODA KOPAČKOG RITA U SKLOPU PROJEKTA NATURAVITA ZA PERIOD OD SRPNJA 2020. DO LIPNJA 2021. GODINE</b>





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14,25 – 14,40	<p><b>SPONSORED LECTURE / SPONZORIRANO PREDAVANJE</b></p> <p>Aleksandar Kolić (SIGMA d.o.o.)</p> <p><b>MODERN AND ECOLOGICAL TECHNOLOGIES OF DRINKING WATER DISINFECTION - PRODUCTION AND AUTOMATIC DOSING OF SODIUM HYPOCHLORITE AT THE SITE OF CONSUMPTION</b></p> <p><b>SUVREMENE I EKOLOŠKE TEHNOLOGIJE DEZINFEKCIJE PITKE VODE - PROIZVODNJA I AUTOMATSKO DOZIRANJE NATRIJEVA HIPOKLORITA NA MJESTO POTROŠNJE</b></p>
14,40 – 14,50	<p>Željka Bauer Mikić</p> <p><b>AMENDMENTS TO ORDINANCE ON NATURAL MINERAL, NATURAL SPRING AND TABLE WATERS</b></p> <p><b>IZMJENA I DOPUNA PRAVILNIKA O PRIRODNIM MINERALNIM, PRIRODNIM IZVORSKIM I STOLNIM VODAMA</b></p>
14,50 – 15,00	<p>Morana Drušković, Mario Šiljeg, Dražen Vouk, Dajana Kučić Grgić</p> <p><b>TREATMENT AND DISPOSAL OF TREATED WASTEWATER FROM OIL SEPARATORS FOR RAINFALL RUNOFF AND PRODUCTION OF MODIFIED BRICKS</b></p> <p><b>OBRADA I ZBRINJAVANJE PROČIŠĆENIH OTPADNIH VODA IZ SEPARATORA ULJA I PROIZVODNJA MODIFICIRANIH OPEKA</b></p>
15,00 – 15,10	<p><b>SPONSORED LECTURE / SPONZORIRANO PREDAVANJE</b></p> <p>Maja Prskalo, Atila Borbaš (BP Group d.o.o.)</p> <p><b>TREATMENT OF TECHNOLOGICAL WASTEWATER ON THE EXAMPLE OF REALIZED WWTP IN CONTAINER DESIGN</b></p> <p><b>PROČIŠĆAVANJE TEHNOLOŠKIH OTPADNIH VODA NA PRIMJERU REALIZIRANOG UPOV-A U KONTEJNERSKOJ IZVEDBI</b></p>
15,10 – 15,20	<p>Nada Glumac, Marija Jozanović, Dubravka Madunić Čačić, Dean Marković, Dora Tot, Bojan Đurin, Nikola Sakač</p> <p><b>DEVELOPMENT OF A NEW POTENTIOMETRIC SENSOR FOR SURFACTANTS</b></p> <p><b>RAZVOJ NOVOG POTENCIOMETRIJSKOG SENZORA ZA ODREĐIVANJE SURFAKTANATA</b></p>
15,20 – 15,30	<p>Patricia Živković, Luka Miklin, Jasmina Lukač Reberski, Ivana Boljat, Josip Terzić, Melita Čohilj, Dragan Kranjčić, Emanuele Romano</p> <p><b>THE PREPARATION OF THE DRINKING WATER SYSTEMS FOR POSSIBLE HAZARDS – THE MUHA PROJECT</b></p> <p><b>PRIPREMA VODOOPSKRBNIH SUSTAVA ZA MOGUĆE OPASNOSTI – MUHA PROJEKT</b></p>
15,30 – 15,40	<p>Dražen Arbutina</p> <p><b>HISTORICAL WATER SUPPLY SYSTEMS AND WATER MANAGEMENT SYSTEMS AS A BASIS FOR SPATIAL DEVELOPMENT</b></p> <p><b>POVIJESNI VODOOPSKRBNI SUSTAVI I UPRAVLJANJE VODAMA KAO OSNOVA PROSTORNOG RAZVOJA</b></p>
15,40 – 15,50	<p><b>SPONSORED LECTURE / SPONZORIRANO PREDAVANJE</b></p> <p>Zdravko Špoljarić (Hidroex d.o.o.)</p> <p><b>PLASSON IN CROATIA</b></p> <p><b>PLASSON U HRVATSKOJ</b></p>
15,50 – 16,00	<p>Katarina Licht, Ivan Halkijević, Hana Posavčić, Domagoj Nakić</p> <p><b>APPLICATION OF ELECTROCOAGULATION FOR DISINFECTION AND TREATMENT OF WATER CONTAMINATED WITH ARSENIC AND CHROME</b></p> <p><b>PRIMJENA ELEKTROKOAGULACIJE ZA DEZINFEKCIJU I OBRADU VODE ONEČIŠĆENE ARSEKOM I KROMOM</b></p>





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16,00 – 16,10	Ivana Elizabeta Zelić, Vesna Tomašić, Zoran Gomzi <b>THE REMOVAL OF NEONICOTINOID INSECTICIDES IN A FLATE-PLATE PHOTOREACTOR</b> <b>UKLANJANJE NEONIKOTINODNIH INSEKTICIDA PRIMJENOM PLOČASTOG FOTOREAKTORA</b>
16,10 – 16,20	1. mjesto – Natječaj za najbolji studentski rad na temu Svjetskog dana voda 2022. Patricia Kralj <b>SUVREMENE TEHNOLOGIJE I TRENDVI U KORIŠTENJU I ZBRINJAVANJU OTPADNOG MULJA S UREĐAJA ZA PROČIŠĆAVANJE OTPADNIH VODA</b> <b>MODERN TECHNOLOGIES AND TRENDS IN THE USE AND MANAGING OF WASTE SLUDGE FROM WASTEWATER TREATMENT PLANT</b>
16,30 – 19,30	<b>EDUCATION TRIP: VUKOVAR / EDUKATIVNI IZLET: VUKOVAR</b> Vučedol culture museum and Vukovar water tower Muzej vučedolske kulture i Vukovarski vodotoranj (organized trip / organizirani prijevoz)
20,00 -	<b>DINNER IN THE VINEYARDS / VEČERA U VINOGRADU</b> Goldschmidt vineyard house, Vukovar Vinogradarska kuća – Imanje Goldschmidt, Vukovar (organized trip / organizirani prijevoz)

**20 / 05 / 2022**

Friday / Petak

8,00 – 9,00	Registration Registracija
9,00 – 9,25	Plenary lecture / Plenarno predavanje <b>Amra Bratovčić</b> (University of Tuzla / Univerzitet u Tuzli) <b>RECENT ACHIEVEMENTS IN PHOTOCATALYTIC DEGRADATION OF ORGANIC WATER CONTAMINANTS</b> <b>NAJNOVIJA DOSTIGNUĆA U FOTOKATALITIČKOJ RAZGRADNJI ORGANSKIH ONEČIŠĆUJUĆIH TVARI U VODAMA</b>
9,25 – 9,30	Marija Šperac, Dino Obradović, Tomislav Slunjski <b>GROUNDWATER MANAGEMENT</b> <b>UPRAVLJANJE PODZEMNIM VODAMA</b>
9,30 – 9,40	Sabrija Čadro, Monika Marković, Mirza Uzunović, Ognjen Žurovec, Milan Gocić <b>CLIMATE CHANGE IMPACTS ON WATER BALANCE COMPONENTS IN BOSNIA AND HERZEGOVINA AND CROATIA</b> <b>UTJECAJ KLIMATSKIH PROMJENA NA KOMPONENTE VODNE BILANCE U BOSNI I HERCEGOVINI I HRVATSKOJ</b>
9,40 – 9,50	Mark Hill, Bojan Đurin, Anamarija Vukelić, Dubravko Andrašek <b>APPLICATION OF THE DAVIDSON-HILL VENTURI TURBINE TECHNOLOGY (DHV) - POTENTIAL AND INNOVATION</b> <b>PRIMJENA TURBINSKE TEHNOLOGIJE DAVIDSON-HILL VENTURI (DHV) – POTENCIJAL I INOVACIJA</b>







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9,50 – 10,00	Marko Reljić, Davor Romić, Marija Romić, Marina Bubalo Kovačić, Gabrijel Ondrašek, Marina Bagić Babac, Vedran Mornar, Gordon Gilja, Monika Zovko <b>ADVANCED SURFACE AND GROUNDWATER SALINITY MONITORING</b> <b>SUVREMENE METODE PRAĆENJA SALINITETA PODZEMNIH I POVRŠINSKIH VODA</b>
10,00 – 10,10	Silva Wendling <b>IMPLEMENTATION OF THE NATIONAL IRRIGATION PROJECT AND AGRICULTURAL LAND MANAGEMENT AND WATERS IN THE AREA OF OSIJEK-BARANJA COUNTY</b> <b>PROVEDBA NACIONALNOG PROJEKTA NAVODNJAVANJA I GOSPODARENJA POLJOPRIVREDNIM ZEMLJIŠTEM I VODAMA NA PODRUČJU OSJEČKO-BARANJSKE ŽUPANIJE</b>
10,10– 10,20	Jasna Nemčić-Jurec <b>IRRIGATION WATER QUALITY AND CRITERIA, STANDARDS IN CROATIA - CONTRIBUTION TO THE ENVIRONMENT AND INDUSTRY</b> <b>KVALITETA VODE ZA NAVODNJAVANJE I KRITERIJI, STANDARDI U HRVATSKOJ - DOPRINOS OKOLIŠU I INDUSTRIJI</b>
10,20 – 10,30	Enver Karahmet, Senita Isaković, Almir Toroman, Fahir Bečić <b>IDENTIFICATION OF HEAVY METALS IN HYDROACCUMULATIONS JABLANICA AND SALAKOVAC</b> <b>IDENTIFIKACIJA TEŠKIH METALA U HIDROAKUMULACIJAMA JABLANICA I SALAKOVAC</b>
10,30 – 10,40	Siniša Maričić <b>HIDROLOGY THROUGH EXPERIENCES WITH RAINFALL</b> <b>HIDROLOGIJA KROZ ISKUSTVA S OBORINAMA</b>
10,40– 11,20	<b>COFFEE BREAK AND POSTER PRESENTATIONS</b> <b>STANKA ZA KAVU UZ POSTERSKA PRIOPĆENJA</b>
11,20 – 11,30	Darija Vukić Lušić, Arijana Cenov, Marin Glad, Tea Peranić Mehanović, Dražen Lušić, Antea Marjanović, Inge Juričić, Lovro Baričević i Slaven Jozić <b>PRESENCE OF <i>Salmonella</i> IN THE SEA FOR BATHING IN THE NARROW AREA OF THE CITY RIJEKA</b> <b>PRISUSTVO <i>Salmonella</i> U MORU ZA KUPANJE NA UŽEM PODRUČJU GRADA RIJEKE</b>
11,30 – 11,40	Svjetlana Stanić-Koštroman, Anita Dedić, Nevenko Herceg, Dragan Škobić, Anđelka Lasić, Ana Buljubašić <b>ECOLOGICAL SUSTAINABILITY OF KARST SPRINGS IN BOSNIA AND HERZEGOVINA</b> <b>EKOLOŠKA ODRŽIVOST KRŠKIH IZVORA U BOSNI I HERCEGOVINI</b>
11,40 – 11,50	Željko Šreng, Marija Šperac, Silvia Iva Miličević <b>VISUALIZATION OF SEEPAGE BELOW THE DAM FOUNDATION</b> <b>VIZUALIZACIJA PROCJEĐIVANJA ISPOD TEMELJA BRANE</b>
11,50 – 12,00	Marko Eljuga, Bojan Lazar <b>CONSTRUCTION OF A WASTEWATER TREATMENT PLANT IN THE CITY OF OSIJEK</b> <b>IZGRADNJA POSTROJENJA ZA PROČIŠĆAVANJE OTPADNIH VODA GRADA OSIJEKA</b>
12,00– 12,10	<b>SPONSORED LECTURE / SPONZORIRANO PREDAVANJE</b> Tatjana Jaroš, Atila Borbaš (BP Group d.o.o.) <b>PHOTOCATALYTIC AIR PURIFICATION</b> <b>FOTOKATALITIČKO PROČIŠĆAVANJE ZRAKA</b>
12,10– 12,20	Brigita Hengl, Jasenka Petrić, Sonja Tolić, Dragan Grubiša, Jasenka Babić, Andrea Gross Bošković <b>EXPOSURE TO SOME CONTAMINANTS FROM DRINKING WATER IN ZAGREB CITY AREA - A FIVE YEARS TREND</b>





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	<b>PETOGODIŠNJI TREND IZLOŽENOSTI NEKIM KONTAMINANTIMA IZ VODE ZA LJUDSKU POTROŠNJU S PODRUČJA GRADA ZAGREBA</b>
12,20 – 12,30	Danijela Bezik, Marika Kralj, Ivan Damjanović, Hrvoje Sučić, Dario Kolarić, Zdenka Šušić, Mirna Habuda-Stanić, Nataša Turić, Snježana Benkotić, Leontina Toth, Barbara Petrovicky Šveiger, Ines Ružkan, Mirta Eberhard <b>ACTIVITIES OF THE TEACHING INSTITUTE FOR PUBLIC HEALTH OF OSIJEK-BARANJA COUNTY WITHIN THE NATURAVITA PROJECT: GROUNDWATER MONITORING</b> <b>AKTIVNOSTI NASTAVNOG ZAVODA ZA JAVNO ZDRAVSTVO OSJEČKO-BARANJSKE ŽUPANIJE U SKLOPU PROJEKTA NATURAVITA: MONITORING PODZEMNIH VODA</b>
12,30 – 12,40	Marija Parać, Marin Lovrić, Nuša Cukrov, Tomislav Bulat, Neven Cukrov <b>MICROPLASTICS ASSESSMENT IN THE KRKA RIVER ESTUARY SURFACE WATER</b> <b>PROCJENA PRISUTNOSTI MIKROPLASTIKE U POVRŠINSKIM VODAMA UŠĆA RIJEKE KRKE</b>
12,40 – 12,50	Marko Šrajbek, Bojan Đurin, Mirna Raič <b>DETERMINATION OF THE INFLOW AREA OF THE WELLFIELD VINOKOVŠČAK BY USING NUMERICAL METHODS</b> <b>ODREĐIVANJE POVRŠINE UTOKA VINOKOVŠČAK BUNARIĆA NUMERIČKIM METODAMA</b>
12,50 – 13,00	Davor Junušić, Jasna Zima, Dubravko Pichler <b>INFLUENCE OF POWER QUALITY ON PRODUCTION RELIABILITY AND STABILITY OF WATER TREATMENT PLANT VODOVOD - OSIJEK</b> <b>UTJECAJ KVALITETE ELEKTRIČNE ENERGIJE NA POUZDANOST I STABILNOST RADA POGONA PROIZVODNJE VODE VODOVOD-OSIJEK</b>
13,00 - 13,10	Igor Dundović, Mateja Budetić <b>INFLUENCE OF WATER LOSS ON THE VALUE OF RESIDUAL FREE CHLORINE IN THE WATER SUPPLY SYSTEM</b> <b>UTJECAJ VODNOG GUBITKA NA VRIJEDNOSTI SLOBODNOG REZIDUALNOG KLORA U VODOOPSKRBNOM SUSTAVU</b>
13,10 - 13,30	<b>DISCUSSION, CONCLUSIONS AND CONFERENCE CLOSURE</b> <b>RASPRAVA, ZAKLJUČCI I ZATVARANJE KONFERENCIJE</b>
14,00 - 15,00	Education by Sigma <b>MODERN AND ECOLOGICALLY ACCEPTABLE WATER DISINFECTION PROCEDURES</b> Edukacija sa Sigmom <b>SUVREMENI I EKOLOŠKI PRIHVATLJIVI POSTUPCI DEZINFEKCIJE VODA</b>  Water treatment plant - Pogon za preradu vode Vodovod-Osijek d.o.o. (organized transportation by bus Campus – Vodovod-Osijek d.o.o.) (organizirani prijevoz autobusom Campus – Vodovod-Osijek d.o.o.)
15,30 – 17,00	<b>LUNCH by SIGMA</b> <b>RUČAK sa SIGMOM</b> Hotel Osijek
17,00 -	<b>WALK IN NATURAL PARK KOPAČKI RIT</b> <b>ŠETNJA PARKOM PRIRODE KOPAČKI RIT</b>  Nature Park Kopački rit Park prirode Kopački rit





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**POSTER PRESENTATIONS**

**POSTERSKA PRIOPĆENJA**

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Fakultet agrobiotehničkih znanosti Osijek  
Osijek, Hrvatska  
19.-20.5.2022.

**AGRICULTURE AND WATER RESOURCES  
POLJOPRIVREDA I VODNI RESURSI**

1. Josip Janjić, Tamara Brleković, Lidija Tadić  
**GROUNDWATER LEVEL CHANGE IN CLIMATE CHANGE CONDITIONS  
PROMJENA RAZINA PODZEMNIH VODA U UVJETIMA KLIMATSKIH PROMJENA**
2. Monika Marković, Jasna Šošarić, Marko Josipović, Željko Barač, Božica Japundžić Palenkić, Ana Stanušić  
**IRRIGATION TIME – METHODS FOR MEASURING SOIL WATER CONTENT**
3. Gabrijel Ondrasek, Filip Kranjčec, Jonti Shepherd, Nada Maurović, Helena Grčman, Marko Zupan, Josip Bagarić, Jelena Horvatinec  
**AMENDMENT OF METAL-CONTAMINATED SOIL BY BIOCHAR IMPACTS METALS RELEASE FROM THE SOIL MATRIX & CHEMICAL SPECIATION MODELLING IN PERCOLATES**

**DRINKING WATER AND WASTEWATER TREATMENTS  
PRERADA VODE ZA PIĆE I OBRADA OTPADNIH VODA**

4. Korana Ambrozić, Valentina Velikanović, Tibela Landeka Dragičević  
**WASTEWATER QUALITY OF SLAVONSKI BROD AGGLOMERATION - RAIN AND DRY PERIOD  
KAKVOĆA OTPADNE VODE AGLOMERACIJE SLAVONSKI BROD – KIŠNI I SUŠNI PERIOD**
5. Marija Ćurčić, Jasmina Nikić, Marko Šolić, Aleksandra Tubić, Jasmina Agbaba  
**EFFECT OF SELECTED PARAMETERS ON NICKEL REMOVAL BY CHELATING ION EXCHANGE RESINS**
6. Maja Ergović Ravančić, Mirna Habuda-Stanić, Svjetlana Škrabal, Helena Marčetić, Valentina Obradović  
**FLUORIDE ADSORPTION FROM WATER ON WASTE MATERIALS**
7. Marija Gregov, Davor Valinger, Josip Ćurko, Vlado Crnek, Lucija Surać, Marin Matošić, Magdalena Ujević Bošnjak  
**OPTIMIZATION OF LABORATORY TREATMENTS IN DRINKING WATER PRODUCTION**
8. Jasmina Ibrahimpašić, Samira Hotić, Samira Dedić, Aida Džaferović, Halid Makić  
**BIOSORPTION OF Zn (II) IONS FROM AQUEOUS SOLUTION USING PINE CONES**
9. Irina Jevrosimov, Marijana Kragulj Isakovski, Tamara Apostolović, Snežana Maletić, Srđan Rončević, Jasmina Agbaba  
**ADSORPTION POTENTIAL OF SELECTED BIOCHARS FOR CHLORFENVINPHOS REMOVAL**
10. Jovana Jokić Govedarica, Jovana Pešić, Dragana Tomašević Pilipović, Vesna Gvoić, Đurđa Kerkez, Anita Leovac Mačerak, Nataša Slijepčević  
**REMOVAL OF NICKEL FROM WATER USING "GREEN" SYNTHESIZED NULVALENT IRON**
11. Slavko Kepec, Iva Belani-Kizivat, Ksenija Vukšić-Zidar, Mirna Habuda-Stanić  
**WASTEWATER TREATMENT USING LOW-LOADED BIOLOGICAL TREATMENT - WWTP SUHOPOLJE**





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**PROČIŠĆAVANJE OTPADNIH VODA NISKO OPTEREĆENIM BIOLOŠKIM POSTUPKOM – UPOV SUHOPOLJE**

12. Atonija Kristek Janković, Mirna Habuda-Stanić  
**POSSIBILITIES OF APPLICATION OF LIGNOCELLULOSE MATERIALS IN PURIFICATION PROCESSES WASTEWATER**  
**MOGUĆNOSTI PRIMJENE LIGNOCELULOZNIH MATERIJALA U PROCESIMA PROČIŠĆAVANJA OTPADNIH VODA**
13. Güneş Kurşun, Ayşegül Pala  
**A STUDY OF DEGRADATION EFFECTS OF SULFAMETHOXAZOLE BY USING TITANIUM OXIDE NANOTUBES IN WATER**
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