



CLASSIFICATION OF GROUNDWATER QUALITY FOR IRRIGATION PURPOSES

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Abstract:

Groundwater could play a role in sustaining agricultural activities besides surface water, especially in regions where irrigation is essential. This study assesses and classifies the quality of groundwater in the Kovin-Dubovac area, Serbia, to determine its usability for irrigation purposes. A total of 143 groundwater samples were collected and analyzed between 2010 and 2018. For different classifications such as FAO, USSL, Stebler's and Nejgebauer's, the water analysis includes the assessment of major cations and anions (Na^+ , K^+ , Ca^{2+} , Mg^{2+} , Cl^- , SO_4^{2-} , and HCO_3^-), total dissolved solids (TDS), electrical conductivity (EC) and pH values. The Piper plot and specific ionic diagrams indicate that the dissolution of carbonate and silicate minerals, along with cations exchange processes significantly influences the groundwater chemistry. According to classifications with a relatively mild rating such as FAO and Stebler's, the most of the samples (around 80%) show no restriction in use. According to more restrictive classifications, such as USSL, 80% of the samples fall into the C2-S1 class, while Nejgebauer's classification identified only 5 samples as unsuitable for irrigation. Based on all classification, the analyzed groundwater is generally considered suitable for irrigation purposes in terms of quality. However, its use should be followed by monitoring and the implementation of appropriate irrigation techniques. Future research could expand on these findings by investigating long-term changes in groundwater quality and their effects on agricultural productivity.

Keywords: *Water quality; Classification; Groundwater; Irrigation*

Acknowledgement

The research presented in this article financially supported by the Provincial Secretariat for Higher Education and Scientific Research activity (contract no. 002955429 2024 09418 003 000 000 001/1)



DISC2024

4th International Student Conference

ABSTRACT BOOK

4th INTERNATIONAL STUDENT CONFERENCE

DISC2024



**Faculty of Technical Sciences
University of Novi Sad**

**Hybrid event
5th & 6th December, 2024
Novi Sad, Serbia**

Organizers:

Department of Environmental Engineering and Occupational Safety and Health
Faculty of Technical Sciences, University of Novi Sad, Serbia

The 4th International Student Conference - DISC2024 is supported by the Ministry of Science, Technological Development and Innovation, Republic of Serbia and the Provincial Secretariat for Higher Education and Scientific Research AP Vojvodina.

CIP - Каталогизација у публикацији
Библиотеке Матице српске, Нови Сад

502(048.3)
331.45/.46(048.3)

INTERNATIONAL Student Conference – DISC2024 (4 ; 2024 ; Novi Sad)

Abstract book [Elektronski izvor] / 4th International Student Conference – DISC2024, hybrid event, 5-6th December 2024, Novi Sad ; [editors Maja Petrović, Ivana Mihajlović, Nevena Živančev]. - Novi Sad : Faculty of Technical Sciences, 2024

Način pristupa (URL):

https://www.izzs.uns.ac.rs/uploads/files/shares/Abstract_Book_DISC2024.pdf. - Opis zasnovan na stanju na dan 24.2.2025. - Nasl. s naslovnog ekrana.

ISBN 978-86-6022-715-9

а) Заштита животне средине -- Апстракти б) Заштита на раду -- Апстракти

COBISS.SR-ID 163666185

Abstract Book

4th INTERNATIONAL STUDENT CONFERENCE DISC2024

Publisher

Faculty of Technical Sciences
Trg Dositeja Obradovića 6, Novi Sad, Republic of Serbia

Editors

Maja Petrović
Ivana Mihajlović
Nevena Živančev

ISBN

978-86-6022-715-9

Year

2024

PREFACE

Welcome to the Abstract Book for DISC2024 – a forward-thinking collection that captures the synergy of robust academic research and innovative project work. Over the course of this transformative conference, we have witnessed 112 scholarly research contributions alongside 19 inspiring project presentations, each delving into topics critical to shaping our sustainable future. This year's themes include:

- **Environmental Protection and Sustainable Development**
- **Occupational Safety and Health**
- **Strategic Human Resource and Business Management**
- **Sustainable Project Management**
- **Civil Engineering**
- **Education 3.0**

In addition to the main sessions, we were honored to host a special session featuring our distinguished guest, Arijana Filipić from National Institute of Biology, Slovenia. Her captivating presentation, "Mission Possible: Successful Scientific Presentation," provided invaluable insights into delivering impactful and persuasive scientific discourse, setting a high benchmark for academic excellence.

Hosted in the vibrant city of Novi Sad this December, DISC2024 has provided a dynamic forum where experts, practitioners, and emerging scholars converged to exchange ideas, challenge conventional boundaries, and chart new paths in research and practice.

We extend our sincere gratitude to every author, presenter, and mentor whose contributions have enriched this publication. I also wish to recognize our entire organizing team for their remarkable efforts in bringing this event to life. In particular, my heartfelt thanks go to Dr. Nevena Živančev, Dr. Jovana Topalić, MSc. Dunja Istrat and MSc. Tijana Adamov for their visionary leadership and steadfast commitment. Your invaluable contributions have been the cornerstone of this event's success.

As you explore the abstracts and project summaries contained within these pages, we hope you find the insights and innovations presented here as inspiring as they are thought-provoking – fueling future collaborations and breakthroughs in your respective fields.

Looking ahead, we eagerly anticipate welcoming you once again in December 2025 as we continue to build on the success and collaborative spirit of DISC. May your journey of discovery and innovation continue unabated in the coming years.

With warm regards,

Dr. Maja Petrović

Associate Professor and Editor

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4th International Student Conference – DISC2024

December 5th, 2024

Ceremonial Hall of the Faculty of Technical Sciences, Novi Sad

09:00 – 09:15	OPENING CEREMONY <i>Dr. Maja Petrović, Conference chair and president of the Organizing committee</i> <i>Dr. Dragana Tomašević Pilipović, Vice-president of the Scientific committee</i>
09:15 – 11:00	SESSION I Chairs: Dr. Dragana Tomašević Pilipović, Dr. Jelena Ćulibrk
	PAH DERIVATIVES IN SEDIMENTS AND FISH FROM THE WHITE NILE, EAST AFRICA: SOURCES, BIOTA-SEDIMENT ACCUMULATION FACTORS AND HEALTH RISKS <i>Deo Ssentongo</i> Makerere University, Uganda
	LOAEL FOR SIX SERIES OF NEW SUCCINIMIDE DERIVATIVES: IN SILICO SURVEY <i>Pinter Damir, Milanović M., Vrkatić A., Vidović D., Jovičić-Bata J., Banjac N., Milošević N.</i> University of Novi Sad, Faculty of Medicine, Serbia
	UTILIZING WASTE HEMP FIBERS AS A CATIONIC SORBENT FOR OXYANION REMOVAL <i>Knežević Nataša, Vuksanović M., Marinković A.</i> University of Belgrade, "VINČA" Institute of Nuclear Sciences - National Institute of the Republic of Serbia
	HYDROLOGY AND NON-POINT SOURCE POLLUTION AT THE LEVEL OF SMALL AGRO-FORESTRY BASIN <i>Canatário Duarte António</i> School of Agriculture/IPCB, Dep. Natural Resources and Sustainable Development, Portugal
	THE EFFICIENCY OF WATER USE IN AGRICULTURE IN THE MEDITERRANEAN REGION, AND THE QUALITY OF RETURN FLUXES <i>Canatário Duarte António</i> School of Agriculture/IPCB, Dep. Natural Resources and Sustainable Development, Portugal
	LEVERAGING ESG PRINCIPLES AND SUSTAINABLE PROJECT MANAGEMENT FOR THE TRANSITION TO FLEET ELECTRIFICATION <i>Savić Bojana, Ćirić Lalić D., Savković M., Bilić I.</i> University of Novi Sad, Faculty of Technical Sciences, Serbia
	THE EFFICACY OF SYNTHETIC PHEROMONES IN DISRUPTING MATING OF FALL ARMYWORMS IN MAIZE CROPS IN THE IRINGA DISTRICT IRRIGATION SCHEME <i>Kiunga Asha, Mwambala A., Dekker T., Kimbokota F, Mmongoyo J.</i> Mkwawa University College of Education, Tanzania
	THE INFLUENCE OF AIR POLLUTANTS ON RESPIRATORY HEALTH: A CASE STUDY OF KANO METROPOLIS <i>Musa Yakubu Fakai</i> Usmanu Danfodiyo University, Sokoto, Faculty of Social Sciences, Department of Geography, Nigeria

	ASSESSMENT OF GROUNDWATER QUALITY FOR DRINKING AND IRRIGATION SUITABILITY: A CASE STUDY IN THE NAFUSA MOUNTAINS, LIBYA <u>Hgeig Ali</u> , Albarshny M., Kubbat M., Ftes G. Nalut University, College of Engineering, Department of Civil Engineering, Libya
	POTENTIAL OF LACTIC ACID-BASED NATURAL DEEP EUTECTIC SOLVENTS FOR EXTRACTING BIOACTIVES FROM SALIX <u>Vidić Milica</u> , Grujić-Letić N., Teofilović B., Gligorić E. University of Novi Sad, Faculty of Medicine, Serbia
	THE EFFECT OF CHIMNEY FITTED IMPROVED STOVE ON KITCHEN FINE PARTICULATE MATTER (PM_{2.5}) CONCENTRATIONS IN RURAL ETHIOPIA: EVIDENCE FROM A RANDOMIZED CONTROLLED TRIAL <u>Demelash Enyew Habtamu</u> , Beyene Hailu A., Tiku Mereta S. Debre Tabor University, Ethiopia
	SUSTAINABLE LOGISTICS THROUGH AI: INNOVATIONS FOR ENVIRONMENTAL PROTECTION <u>Vorina Anton</u> , Križanec S. Celje School of Economics, Higher Vocational College, Slovenia
	THE FUNCTIONALITY OF POWDERED OIL PUMPKIN SEED CAKE (CUCURBITA PEPO, L.) AS A BIOLUBRICANT <u>Čoškov Aleksandra</u> , Todorović N., Kladar N., Lalić-Popović M. University of Novi Sad, Faculty of Medicine, Serbia
	TEMPORAL IMPACTS OF BONFIRE AND FIREWORK EVENTS ON URBAN AEROSOL RADIATIVE PROPERTIES <u>Minderytė Agnė</u> , Byčenkienė S. Center for Physical Sciences and Technology, Department of Environmental Research, Lithuania
	BIOMASS-DERIVED CARBON MATERIALS AS BIOSORBENTS FOR ORGANOPHOSPHATE PESTICIDE REMOVAL FROM WATER <u>Tasić Tamara</u> , Milanković V., Kokanov Stanković K., Lazarević Pašti T. Makerere University, Uganda
	INVESTIGATION OF ENVIRONMENTAL AND HEALTH IMPACTS SOLID WASTE MANAGEMENT PROBLEMS AND ASSOCIATED FACTORS IN ASELLA TOWN, ETHIOPIA <u>Eshete Amde</u> Arsi University College of Health Science, Ethiopia
	PHOTOCATALYTIC ACTIVITY OF DOPED CARBON QUANTUM DOTS IN UV DRIVEN FLUROXYPYR DEGRADATION <u>Tot Nataša</u> , Prekodravac Filipović J., Despotović V., Vasiljević B., Marinković D. Technical College of Applied Sciences in Zrenjanin, Serbia
11:00 – 11:15	Coffee break
11:15 – 13:00	Moderator: Dr. Arijana Filipić, National Institute of Biology, Slovenia Mission possible: <i>Successful scientific presentation</i>
13:00 – 14:00	Lunch break
14:00 – 15:30	SESSION II Chairs: Dr. Danijela Čirić Lalić, Dr. Andrea Ivanišević
	SUPERPLASMA FOR WATER DECONTAMINATION <u>Filipić Arijana</u> National Institute of Biology, Slovenia
	REGULATORY FRAMEWORK AND LEGAL RESPONSIBILITIES FOR OWNERS OF CONSTRUCTION AND DEMOLITION WASTE <u>Perović Marija</u> Jaroslav Černi Water Institute, Serbia

ENVIRONMENTAL OCCURRENCE, DISTRIBUTION, AND CHALLENGES OF PFAS: A GLOBAL PERSPECTIVE

Perović Marija

Jaroslav Černi Water Institute, Serbia

ANN PREDICTION OF THE DIMETHOATE DEGRADATION EFFICIENCY IN WASTEWATER BY PLASMA NEEDLE

Mitrović Tatjana, Lazarević Pašti T., Lazović S.

Institute for Physics, University of Belgrade, Serbia

MICROPLASTICS AS VECTORS FOR UV FILTERS: 4-MBC SORPTION ON PE AND PVC

Vasiljević Sanja, Simetić T., Molnar Jazić J., Vujić M., Tubić A.

University of Novi Sad, Faculty of Sciences, Serbia

GREEN INFRASTRUCTURE EFFECT ON THE TRANSPORT GENERATED MICROPLASTICS DISTRIBUTION IN LITHUANIA

Burbulytė Austėja, Khan A., Araminienė V., Uogintė I., Davulienė L., Varnagirytė-Kabašinskienė I., Černiauskas V., Gudynaitė-Franckevičienė V., Džiugys A., Misiulis E., Byčenkienė S.

Center for Physical Sciences and Technology, Department of Environmental Research, Lithuania

OXIDATION OF AG 25 AZO DYE IN WATER BY ATMOSPHERIC PRESSURE PLASMA

Mitrović Tatjana, Nenin T., Lazović S.

Institute for Physics, University of Belgrade, Serbia

EFFECTS OF FULLERENOL NANOPARTICLES ON THE SECONDARY METABOLITES' PROFILE OF FUSARIUM SPP. MYCOTOXICOGENIC FUNGI

Tomić Jelena, Borišev I., Đorđević A., Šarkanj B., Jović D., Babić J., Sulyok M., Krska R., Kovač T.

University of Novi Sad, Faculty of Sciences, Department of Chemistry, Biochemistry and Environmental Protection, Serbia

THE USE OF ARTIFICIAL INTELLIGENCE TOOLS IN OCCUPATIONAL SAFETY AND HEALTH: A BRIEF OVERVIEW

Ištrat Dunja, Petrović M.

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FROM OLD TO NEW: A SUMMARY OF CHANGES IN THE OCCUPATIONAL SAFETY AND HEALTH LAW

Todorović Marija, Perović M.

Jaroslav Černi Water Institute, Serbia

COMMON REQUIREMENTS OF KEY STANDARDS: A TOOL FOR INTEGRATING MANAGEMENT SYSTEM

Todorović Marija, Perović M.

Jaroslav Černi Water Institute, Serbia

THE PHOTOCATALYTIC DEGRADATION PROCESS AND MECHANISMS OF LDPE MICROPLASTICS USING NANOCOMPOSITES BASED ON TiO₂ AND CLAY MINERALS

Pleskytė Sonata, Uogintė I., Byčenkienė S.

Center for Physical Sciences and Technology, Lithuania

ANALYZING FACTORS AFFECTING FARMERS' SAFE PESTICIDE HANDLING PRACTICES IN SOUTHWEST OF ETHIOPIA: IMPLICATIONS FOR POLICY

Hussen Hawi, Astatike H., Mekonen S., Fekadu S.

Jimma University Institute of Health, Faculty of Public Health Department of Environmental Health Science and Technology, Ethiopia

COPPER-DOPED AND ZEOLITE-COMBINED TiO₂ ON POLYMER CARRIER FOR ADVANCED DYE REMOVAL

Bilić Andrijana, Perić M., Armaković S., Armaković S.

University of Novi Sad, Faculty of Sciences, Department of Chemistry, Biochemistry and Environmental Protection, Serbia

EFFECT OF OLIVE, CHERRY, SOUR CHERRY PITS PARTICLE SIZE ON SORPTION EFFICIENCY OF LEAD AND ZINC IONS

Mileta Sunčica, Nuić I., Ugrina M.

Ivanal d.o.o., Croatia

HEALING MATERIALS FOR SELF-HEALING CONCRETE

Mirjanić Jelena, Milović T., Bulatović V.

University of Novi Sad, Faculty of Technical Sciences, Serbia

15:30 – 15:45	Coffee break
15:45 – 17:30	SESSION III Chairs: Dr. Đurđa Kerkez, Dr. Srđan Kovačević
	MARKET PRESENCE OF RESORCINOL IN COSMETICS AND ITS POTENTIAL THYROID DISRUPTION <u>Đurić Larisa</u> , Milanović M., Milošević N., Milić N. University of Novi Sad, Faculty of Medicine, Department of Pharmacy, Serbia
	COMPARISON OF SAGE EXTRACTS OBTAINED WITH DEEP EUTECTIC SOLVENT AND WATER <u>Janić Marijana</u> , Zdolšek N., Brković S., Valenta Šobot A., Momić T., Filipović Tričković J. University of Belgrade, VINČA Institute of Nuclear Sciences – National Institute of the Republic of Serbia
	CREATING A SURVEY ON CRANE OPERATOR SAFETY – NOISE, PREVENTIVE MEASURES, AND PERSONAL DOSIMETRY <u>Kužet Željana</u> , Mučenski V. University of Novi Sad, Faculty of Technical Sciences, Serbia
	ECOLOGICAL SECURITY AS A CORNERSTONE OF SERBIA'S NATIONAL INTEREST <u>Veljković Sanela</u> , Čurčić M., Dabetić M. University of Belgrade, VINČA Institute of Nuclear Sciences – National Institute of the Republic of Serbia
	SYNTHESIS OF NOVEL 1-FERROCENYL-3-((2-(METHYLTHIO)PHENYL)AMINO)PROPAN-1-ONE, POTENTIAL GREEN AGROCHEMICAL AGENTS <u>Bojanić Nikola</u> , Minić Jančić A. University of Priština, Faculty of Technical Sciences
	SILICA DUST IN CONSTRUCTION INDUSTRY <u>Kužet Željana</u> , Mučenski V. University of Novi Sad, Faculty of Technical Sciences, Serbia
	EVALUATION OF MERCURY LEACHABILITY FROM MERCURY-SATURATED ZEOLITES <u>Jurić Antonija</u> , Ugrina M., Nuić I. Croatian Veterinary Institute, Regional Veterinary Institute Split, Croatia
	ASSESSMENT OF THE HEALTH AND ECOTOXICOLOGICAL EFFECTS OF PHENOLIC COMPOUNDS WITH INSULIN MIMETIC PROPERTIES <u>Vlatković Vladimir</u> , Mitrović T., Lazović S., Obradović D. University of Belgrade, Faculty of Technology and Metallurgy, Department of Biochemical Engineering and Biotechnology, Serbia
	THE DISRUPTIVE EVENTS AND DISRUPTIVE GENERATION: PROFOUND CHANGES IN MANAGEMENT AHOY <u>Milošević Žikica</u> University of Novi Sad, Faculty of Technical Sciences, Serbia
	TRACING THE BIOACCUMULATION OF BISPHENOL A FROM LANDFILLS TO ECOSYSTEMS IN SERBIA <u>Adamov Tijana</u> , Novaković M., Petrović M. University of Novi Sad, Faculty of Technical Sciences, Serbia
	QUANTITATIVE EVALUATION OF HYDROLOGICAL CONNECTIVITY IN RIVERS USING OPTICAL SATELLITE IMAGES: A CASE STUDY OF THE HUNGARIAN DANUBE <u>Mohsen Ahmed</u> , Szabo-Meszaros M., Baranya S. Budapest University of Technology and Economics, Hungary
	DIAGNOSTIC OF THE STATE OF THE OBJECT <u>Ratkušić Muhammed</u> , Čolak Z., Kuloglić A. Džemal Bijedić University Mostar, Bosnia and Herzegovina
	EFFECTIVENESS OF VARIOUS LOW-COST SORBENTS FOR IBUPROFEN REMOVAL FROM AQUEOUS SOLUTION <u>Matuzić Lucija</u> , Nuić I., Burčul F., Vučak A. University of Split, Faculty of Chemistry and Technology, Croatia

REVOLUTIONIZING OCCUPATIONAL HEALTH AND SAFETY THROUGH INNOVATIVE GEMBA WALKS

Naerac Jasmina, Ivanišević A., Petrović M.

University of Novi Sad, Faculty of Technical Sciences, Serbia

December 6th, 2024

Ceremonial Hall of the Faculty of Technical Sciences, Novi Sad

	<i>Moderator: Dr. Maja Petrović</i>
09:00 – 10:15	Project promotion corner Dr. Danijela Ćirić Lalić Dr. Maja Sremački Dr. Nataša Slijepčević Dr. Maja Vujić Dr. Jovana Topalić Dr. Slobodan Kolaković Dr. Ivana Mihajlović Dr. Katarina Batalović Dr. Tamara Stefanovska DBU scholarship
10:15 – 10:30	Coffee break
10:30 – 11:40	JM Square <i>Opening: Dr. Nemanja Stanisavljević, Head of the Department of Environmental Engineering and Occupational Safety and Health, Faculty of Technical Sciences, University of Novi Sad</i> <i>Member of the City Council for Ecology, Energy Efficiency, and Environmental Protection</i> <i>Representative from the Environmental Protection Department of the City Administration of Novi Sad</i> <i>Representative of ILO</i> <i>Representative of the European Affairs Fund of AP Vojvodina</i>
11:40 – 12:30	Lunch break
12:30 – 14:15	SESSION I Chairs: Dr. Ivana Mihajlović, Dr. Nevena Živančev
	POSSIBILITIES AND CHALLENGES IN USING RDF AND SRF AS FUEL <u>Petrić Danica, Batinić B.</u> <i>University of Novi Sad, Faculty of Technical Sciences, Serbia</i>
	WORKPLACE WELL-BEING STRATEGIES FOR SUSTAINABLE EMPLOYEE HEALTH AND PRODUCTIVITY <u>Krivokuća Marija, Petrović M.</u> <i>University of Novi Sad, Faculty of Technical Sciences, Serbia</i>
	SUSTAINABLE DEVELOPMENT THROUGH NUCLEAR ENERGY: SERBIA'S PATH BEYOND THE MORATORIUM <u>Dabetić Marina, Ćurčić M., Veljković S.</u> <i>University of Belgrade, VINČA Institute of Nuclear Sciences – National Institute of the Republic of Serbia</i>

	LEAD EXPOSURE AND LUNG CANCER: PRELIMINARY RESULTS OF SCREENING ANALYSIS IN FEMALE <u>Ševo Mirjana</u> , Sazdanić Velikić D., Milanović M., Milošević N., Milić N. Univeristy of Novi Sad, Faculty of Medicine, Serbia
	STRATEGIC HUMAN RESOURCE MANAGEMENT IN MODERN BUSINESS: ALIGNING PEOPLE WITH ORGANIZATIONAL GOALS <u>Pečo Findžanović Bojana</u> University of Novi Sad, Faculty of Technical Sciences, Serbia
	PESTICIDE RESIDUE ANALYSIS IN HONEY IN CASE OF SOUTHWEST ETHIOPIA <u>Abajebel Mohammed</u> Jimma University, Environmental Health, Enviromental Science and Technology, Ethiopia
	APPLICATION OF AI TOOLS FOR VISUALIZING SCANDINAVIAN MODERN STYLE INTERIORS <u>Tadić Marko</u> , Vukas M., Cocek R., Dakić B., Đurić I., Krstanović L. University of Novi Sad, Faculty of Technical Sciences, Serbia
	EDUCATIONAL INTERACTIVE VISUALIZATION OF MOLECULES USING IMMERSIVE VIRTUAL REALITY <u>Hasanović Zlatan</u> , Cocek A., Šušić A., Novaković T., Krstanović L., Đurić I. University of Novi Sad, Faculty of Technical Sciences, Serbia
	KNOWLEDGE, ATTITUDES, AND PRACTICES OF BEEF PROVIDERS AND CONSUMERS REGARDING MICROBIAL SAFETY MEASURES IN THE SUPPLY CHAIN IN SOUTHWEST ETHIOPIA <u>Girma Mamo Zegene</u> Mizan-Aman Health Science College, Ethiopia
	USE OF RECYCLED PET FIBERS IN CONCRETE COMPOSITES <u>Kljako Asja</u> , Džih R., Husnić N. "Džemal Bijedić" University of Mostar, Faculty for Civil Engineering, Department for Environmental Infrastructure Management, Bosnia and Herzegovina
	ANALYSIS OF ALUMINIUM LATTICE STRUCTURE WITH K-JOINTS <u>Nikolić Nina</u> , Šćepanović B. Faculty of Civil Engineering, University of Montenegro
	CAN ARTIFICIAL INTELLIGENCE LEAD THE WHY IN SHAPING THE FUTURE OF SUSTAINABLE PROJECT MANAGEMENT PRACTICES? <u>Grebić Bojan</u> , Świętoniowska J., Ćirić Lalić D. University of Novi Sad, Faculty of Technical Sciences, Serbia
	PM10 AND PM2.5 RISK ASSESMENT DURING SMALL BUIDLING CONSTRUCTION IN THE CITY OF NOVI SAD <u>Šunjević Miljan</u> , Obrovski B., Tošić N., Istrat D., Dubljević S., Kustudić M. University of Novi Sad, Faculty of Technical Sciences, Serbia
14:15 – 14:30	ADDICTIONS IN LEADERSHIP: THE RIPPLE EFFECTS OF NEGATIVE HABITS ON ORGANIZATIONAL SUCCESS AND SOLUTIONS FOR RECOVERY <u>Bolesnikov Minja</u> , Gajic T., Nobilo I. University of Novi Sad, Faculty of Technical Sciences, Serbia
	CLASSIFICATION OF GROUNDWATER QUALITY FOR IRRIGATION PURPOSES <u>Vranešević M.</u> , Perović M., Živančev N. University of Novi Sad, Faculty of Agriculture, Serbia
14:30 – 16:30	SESSION II Chairs: Dr. Ivana Mihajlović, Dr. Nevena Živančev
	EFFICIENT REMOVAL OF SYNTHETIC DYE E122 FROM WATER USING TETRABUTYLPHOSPHONIUM SALICYLATE-BASED ABS: THE INFLUENCE OF SALTING-OUT AGENTS <u>Tekić Danijela</u> , Mušović J., Marić S., Dimitrijević A., Jocić A. University of Belgrade, "VINČA" Institute of Nuclear Sciences - National Institute of the Republic of Serbia

NOVEL APPROACH FOR PESTICIDE ADSORBENT REGENERATION USING IONIC LIQUIDS AND SALT ADDITIVES

Tekić Danijela, Mušović J., Marić S., Dimitrijević A., Jocić A.

University of Belgrade, "VINČA" Institute of Nuclear Sciences - National Institute of the Republic of Serbia

TAILORING THE PMBOK® GUIDE FOR SUSTAINABLE PROJECT MANAGEMENT

Savković Milena, Ćirić Lalić D., Konstantopoulos H.

University of Novi Sad, Faculty of Technical Sciences, Serbia

LEACHING OF METALS FROM NiMH BATTERIES: TEMPERATURE IMPACT ON METAL RECOVERY

Mušović Jasmina, Tekić D., Jocić A., Marić S., Dimitrijević A.

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EXTRACTION OF COBALT AND NICKEL USING TETRABUTYLPHOSPHONIUM SALICYLATE IN AQUEOUS BIPHASIC SYSTEMS

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