



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

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Abstract:

Ensuring the safety and health of employees is critical to mitigating risks and safeguarding their well-being, which ultimately enhances productivity, reduces the number of workplace injuries, and contributes to a more positive and efficient work environment. The new Occupational Safety and Health Law ("Official Gazette of RS", No. 35/2023) introduces several changes related to the implementation of safety and health work duties, particularly regarding individuals responsible for occupational health and safety (OHS) at employers. To perform OHS tasks, individuals must obtain the required licenses, and applications for licensing as an OHS associate or advisor must be submitted to the relevant authorities to confirm that licensing conditions are met. The requirement for license renewal emphasizes that OHS professionals must engage in continuous education and skill development to maintain their licenses, with ongoing professional development being a fundamental condition for renewal. The requirement for a work authorisation before engaging in hazardous tasks, such as working at heights, in confined spaces, in areas with potentially explosive atmospheres, on energy facilities, or handling hazardous chemicals, significantly enhances workplace safety by ensuring that necessary precautions and procedures are in place to protect workers from potential risks. The importance of OHS training becomes evident, as employers are required to provide such training for employees, employee representatives for OHS, supervisors. The Law mandates the creation of a Work Injury Register, which will be an electronic database for reporting work-related injuries. It aims to simplify reporting, facilitate data exchange among authorities, and help injured workers claim rights. The aim of conducted research is to examine the significant changes introduced by the new Law on Occupational Safety and Health (2023) compared to the previous legislation. The research focuses on the improvements and regulations regarding the implementation of OHS measures in the workplace, emphasizing the role of employers and employees in maintaining a safe working environment. The study highlights the importance of these changes in improving worker protection and the overall effectiveness of OHS practices.

Keywords: *Occupational safety and health; Legal Obligations.*



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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

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

	<p>ASSESSMENT OF GROUNDWATER QUALITY FOR DRINKING AND IRRIGATION SUITABILITY: A CASE STUDY IN THE NAFUSA MOUNTAINS, LIBYA</p> <p><u>Hgeig Ali</u>, Albarshny M., Kubbat M., Ftes G. Nalut University, College of Engineering, Department of Civil Engineering, Libya</p>
	<p>POTENTIAL OF LACTIC ACID-BASED NATURAL DEEP EUTECTIC SOLVENTS FOR EXTRACTING BIOACTIVES FROM SALIX</p> <p><u>Vidić Milica</u>, Grujić-Letić N., Teofilović B., Gligorić E. University of Novi Sad, Faculty of Medicine, Serbia</p>
	<p>THE EFFECT OF CHIMNEY FITTED IMPROVED STOVE ON KITCHEN FINE PARTICULATE MATTER (PM2.5) CONCENTRATIONS IN RURAL ETHIOPIA: EVIDENCE FROM A RANDOMIZED CONTROLLED TRIAL</p> <p><u>Demelash Enyew Habtamu</u>, Beyene Hailu A., Tiku Mereta S. Debre Tabor University, Ethiopia</p>
	<p>SUSTAINABLE LOGISTICS THROUGH AI: INNOVATIONS FOR ENVIRONMENTAL PROTECTION</p> <p><u>Vorina Anton</u>, Križanec S. Celje School of Economics, Higher Vocational College, Slovenia</p>
	<p>THE FUNCTIONALITY OF POWDERED OIL PUMPKIN SEED CAKE (CUCURBITA PEPO, L.) AS A BIOLUBRICANT</p> <p><u>Čoškov Aleksandra</u>, Todorović N., Kladar N., Lalić-Popović M. University of Novi Sad, Faculty of Medicine, Serbia</p>
	<p>TEMPORAL IMPACTS OF BONFIRE AND FIREWORK EVENTS ON URBAN AEROSOL RADIATIVE PROPERTIES</p> <p><u>Minderytė Agnė</u>, Byčenkienė S. Center for Physical Sciences and Technology, Department of Environmental Research, Lithuania</p>
	<p>BIOMASS-DERIVED CARBON MATERIALS AS BIOSORBENTS FOR ORGANOPHOSPHATE PESTICIDE REMOVAL FROM WATER</p> <p><u>Tasić Tamara</u>, Milanković V., Kokanov Stanković K., Lazarević Pašti T. Makerere University, Uganda</p>
	<p>INVESTIGATION OF ENVIRONMENTAL AND HEALTH IMPACTS SOLID WASTE MANAGEMENT PROBLEMS AND ASSOCIATED FACTORS IN ASELLA TOWN, ETHIOPIA</p> <p><u>Eshete Amde</u> Arsi University College of Health Science, Ethiopia</p>
	<p>PHOTOCATALYTIC ACTIVITY OF DOPED CARBON QUANTUM DOTS IN UV DRIVEN FLUROXYPYR DEGRADATION</p> <p><u>Tot Nataša</u>, Prekodravac Filipović J., Despotović V., Vasiljević B., Marinković D. Technical College of Applied Sciences in Zrenjanin, Serbia</p>
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 Ćirić Lalić, Dr. Andrea Ivanišević
	<p>SUPERPLASMA FOR WATER DECONTAMINATION</p> <p><u>Filipić Arijana</u> National Institute of Biology, Slovenia</p>
	<p>REGULATORY FRAMEWORK AND LEGAL RESPONSIBILITIES FOR OWNERS OF CONSTRUCTION AND DEMOLITION WASTE</p> <p><u>Perović Marija</u> Jaroslav Černi Water Institute, Serbia</p>

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

Perović Marija

Jaroslav Čermi 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

Istrat Dunja, Petrović M.

University of Novi Sad, Faculty of Technical Sciences, Serbia

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

Todorović Marija, Perović M.

Jaroslav Čermi Water Institute, Serbia

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

Todorović Marija, Perović M.

Jaroslav Čermi 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	<p align="center">SESSION III</p> <p align="center">Chairs: Dr. Đurđa Kerkez, Dr. Srđan Kovačević</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>ECOLOGICAL SECURITY AS A CORNERSTONE OF SERBIA'S NATIONAL INTEREST <u>Veljković Sanela</u>, Ćurčić M., Dabetić M. University of Belgrade, VINČA Institute of Nuclear Sciences – National Institute of the Republic of Serbia</p>
	<p>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</p>
	<p>SILICA DUST IN CONSTRUCTION INDUSTRY <u>Kužet Željana</u>, Mučenski V. University of Novi Sad, Faculty of Technical Sciences, Serbia</p>
	<p>EVALUATION OF MERCURY LEACHABILITY FROM MERCURY-SATURATED ZEOLITES <u>Jurić Antonija</u>, Ugrina M., Nuić I. Croatian Veterinary Institute, Regional Veterinary Institute Split, Croatia</p>
	<p>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</p>
	<p>THE DISRUPTIVE EVENTS AND DISRUPTIVE GENERATION: PROFOUND CHANGES IN MANAGEMENT AHOY <u>Milošević Žikica</u> University of Novi Sad, Faculty of Technical Sciences, Serbia</p>
	<p>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</p>
	<p>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</p>
	<p>DIAGNOSTIC OF THE STATE OF THE OBJECT <u>Ratkušić Muhammed</u>, Čolak Z., Kuloglić A. Džemal Bijedić University Mostar, Bosnia and Herzegovina</p>
	<p>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</p>

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

	<p style="text-align: center;"><i>Moderator: Dr. Maja Petrović</i></p>
09:00 – 10:15	<p>Project promotion corner</p> <p>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</p> <p>DBU scholarship</p>
10:15 – 10:30	Coffee break
10:30 – 11:40	<p>JM Square</p> <p><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></p> <p><i>Member of the City Council for Ecology, Energy Efficiency, and Environmental Protection</i></p> <p><i>Representative from the Environmental Protection Department of the City Administration of Novi Sad</i></p> <p><i>Representative of ILO</i></p> <p><i>Representative of the European Affairs Fund of AP Vojvodina</i></p>
11:40 – 12:30	Lunch break
12:30 – 14:15	SESSION I Chairs: Dr. Ivana Mihajlović, Dr. Nevena Živančev
	<p>POSSIBILITIES AND CHALLENGES IN USING RDF AND SRF AS FUEL</p> <p><i>Petrić Danica, Batinić B.</i> <i>University of Novi Sad, Faculty of Technical Sciences, Serbia</i></p>
	<p>WORKPLACE WELL-BEING STRATEGIES FOR SUSTAINABLE EMPLOYEE HEALTH AND PRODUCTIVITY</p> <p><i>Krivokuća Marija, Petrović M.</i> <i>University of Novi Sad, Faculty of Technical Sciences, Serbia</i></p>
	<p>SUSTAINABLE DEVELOPMENT THROUGH NUCLEAR ENERGY: SERBIA'S PATH BEYOND THE MORATORIUM</p> <p><i>Dabetić Marina, Ćurčić M., Veljković S.</i> <i>University of Belgrade, VINČA Institute of Nuclear Sciences – National Institute of the Republic of Serbia</i></p>

	<p>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. University of Novi Sad, Faculty of Medicine, Serbia</p>
	<p>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</p>
	<p>PESTICIDE RESIDUE ANALYSIS IN HONEY IN CASE OF SOUTHWEST ETHIOPIA <u>Abajebel Mohammed</u> Jimma University, Environmental Health, Environmental Science and Technology, Ethiopia</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>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</p>
	<p>ANALYSIS OF ALUMINIUM LATTICE STRUCTURE WITH K-JOINTS <u>Nikolić Nina</u>, Šćepanović B. Faculty of Civil Engineering, University of Montenegro</p>
	<p>CAN ARTIFICIAL INTELLIGENCE LEAD THE WHY IN SHAPING THE FUTURE OF SUSTAINABLE PROJECT MANAGEMENT PRACTICES? <u>Grebic Bojan</u>, Świętoniowska J., Ćirić Lalić D. University of Novi Sad, Faculty of Technical Sciences, Serbia</p>
	<p>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</p>
	<p>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</p>
	<p>CLASSIFICATION OF GROUNDWATER QUALITY FOR IRRIGATION PURPOSES <u>Vranešević M.</u>, Perović M., Živančev N. University of Novi Sad, Faculty of Agriculture, Serbia</p>
14:15 – 14:30	Coffee break
14:30 – 16:30	<p>SESSION II Chairs: Dr. Ivana Mihajlović, Dr. Nevena Živančev</p>
	<p>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</p>

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

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

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TAILORING THE PMBOK® GUIDE FOR SUSTAINABLE PROJECT MANAGEMENT

Savković Milena, Ćirić Lalić D., Konstantopoulos H.

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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

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

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THE IMPACT OF ELECTRONIC CIGARETTES ON THE ENVIRONMENT

Stevanovski Aleksandra, Ubavin D.

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A DFT MODEL PREDICTS REACTIVITY OF METAL DECORATED TiO₂ FOR PHOTODEGRADATION OF ORGANIC POLLUTANTS

Kovačević Marija, Vasić Aničijević D.

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WIND ENERGY POTENTIAL IN SERBIA

Antović Jelena, Elezović N., Mihajlović I.

University of Priština, Faculty of Technical Sciences

INTEGRATION OF GREEN BUILDING CERTIFICATION SYSTEMS INTO THE BIM ENVIRONMENT

Dubljević Sanja, Šunjević M.

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INTEGRATION OF BIOLOGICAL RESPONSES AND PBTK MODELING IN CHEMICAL TOXICITY ASSESSMENT: A CASE STUDY OF PERFLUOROOCCTANOIC ACID (PFOA) – ToxIN PROJECT

Kokai Dunja, Stanic B., Markovic Filipovic J., Lalic-Popovic M., Pogrmic-Majkic K., Andric N.

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BENCHMARK CONCENTRATION MODELING OF APICAL ENDPOINTS IN HUMAN VASCULAR ENDOTHELIAL CELLS FOLLOWING ACUTE AND CHRONIC IN VITRO EXPOSURE TO PERFLUOROOCCTANOIC ACID

Opacic Marija, Stanic B., Andric N.

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UTILIZING A SPECTRAL LIBRARY OF COMPOSITE SPECTRA FOR THE FAST ESTIMATION OF SOIL ORGANIC MATTER

Kordić Branko, Dragojević S., Jović B.

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EFFECT OF PERFLUOROOCCTANOIC ACID TREATMENT ON CASPASE-3 EXPRESSION IN FEMALE MICE LIVER

Ivelja Ivana, Vukčević J., Marković Filipović J., Andrić N.

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AGILE TOOLS FOR COMMUNICATION AND DISSEMINATION IN RESEARCH PROJECTS: STRENTX CASE

Knežević Ivana, Stavrakis A., Stojanović G., Ćirić Lalić D.

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ANALYSIS OF ASYMMETRIC COMPOSITE SLIM FLOOR BEAMS WITH WEB OPENINGS

Đukić Mirjana, Marković Z., Lučić D.

Faculty of Civil Engineering, University of Montenegro

ESTIMATION OF CONCRETE AMOUNT FROM EXISTING BUILDINGS FOR PRODUCTION OF GREEN CONCRETE USING ARTIFICIAL INTELLIGENCE

Senjak Pejić Milena, Peško I., Petrović M., Terzić M., Stanojević D., Radović M., Mučenski V.

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LATERAL TORSIONAL BUCKLING AND BATTEN PLATES

Subotić Petar, Šćepanović B.

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THE BENEFITS OF UTILIZING BLACK SOLDIER FLY IN AN INNOVATIVE APPROACH TO ORGANIC WASTE MANAGEMENT

Najdanović Anđela, Stanislavljević N., Batinić B.

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TRANSFORMING COFFEE WASTE AND HAZELNUT SHELL WASTE INTO SUSTAINABLE TOYS: A NEW FRONTIER IN ECO-FRIENDLY PRODUCT DESIGN

Stefanovska Tamara, Djokic J., Klopchevska J.

Faculty of Mechanical Engineering - Skopje, North Macedonia

STUDY OF SOLVATOCHROMIC PROPERTIES OF SELECTED ORTHO AND META SUBSTITUTED ASYMMETRIC BISTHIOCARBOHYDRAZONE DERIVATIVES

Mrđjan Gorana, Vastag G., Apostolov S., Mekić D., Matijević B.

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NEUROPROTECTIVE EFFECTS OF ERINACINE A FROM HERICIUM ERINACEUS MYCELIA

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Josip Juraj Strossmayer University of Osijek, Faculty of Food Technology, Croatia

ASSESSMENT OF LIPOPHILICITY AND ECOTOXICITY OF THIOCARBOHYDRAZONES

Mekić Dragana, Vaštag Đ., Mrđan G., Matijević B., Apostolov S.

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TALENT MANAGEMENT AS A KEY COMPONENT OF STRATEGIC HUMAN RESOURCES

Morača Teodora

University of Novi Sad, Faculty of Technical Sciences, Serbia

CHARACTERIZATION OF LIGNOCELLULOSIC BIOMASS FROM COMPOSTING PROCESS

Mihalić Petra, Iveljić F., Krajnović K., Šabić Runjavec M., Oros D., Vuković Domanovac M.

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SUSTAINABLE ARCHITECTURE IN THE ERA OF CLIMATE CHANGE

Nikolić Ivana, Vasić K., Ratković A.

University of Priština in Kosovska Mitrovica, Faculty of Technical Sciences

EXPOSURE TO PERFLUOROOCCTANOIC ACID DECREASES THE NUMBER OF ANTRAL FOLLICLES IN THE OVARIES OF MICE

Vukčević Jelena, Marković Filipović J., Ivelja I., Andrić N.

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EVALUATING HOW DIFFERENT FACTORS INFLUENCE THE PHOTOCATALYTIC REMOVAL OF SULPIRIDE FROM WATER

Jovanović Dušica, Šojić Merkulov D., Despotović V., Bognár S., Finčur N.

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APPLICATION OF COMPUTER VISION FOR RECOGNITION OF EYE BLINK AND HAND MOVEMENT

Milekić Danijela, Krstanović L.

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NATURE BASED SOLUTION (NbS) IN THE RESTAURATION OF WETLANDS IN SERBIA

Živković Milica, Matić A, Mihajlović I.

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DIFFERENCES IN MOTIVATION AND TEAM DYNAMICS ACROSS GENERATIONS

Tešić Jelena

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EXPLORING THE USE OF ENPS IN MEASURING MEMBER SATISFACTION: A CASE STUDY OF ESTIEM LG NOVI SAD

Arambašić Ana

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MOTIVATION OF WORKERS IN PRODUCTION INDUSTRIES

Tomičić Gorana

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PERCEPTION OF BENEFITS IN IT COMPANY

Gudej Milica

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IMPROVED EXTRACTION OF PHENOLIC ACIDS FROM CHICORY INTYBUS USING GLUCOSE-BASED NATURAL DEEP EUTECTIC SOLVENTS

Balaž Filip, Bojić A., Arapović K., Tomas Petrović A., Gligorić E., Grujić-Letić N., Teofilović B.

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THE INFLUENCE OF INTERNAL AND EXTERNAL MOTIVATION ON THE PRODUCTIVITY OF EMPLOYEES AT HIGHER HIERARCHICAL LEVELS

Vuković Danica

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EASY-TO-USE SYSTEM FOR PROMOTING AND ESTIMATING SUBJECT'S PHYSICAL ABILITIES

Varga Daria, Krstanović L.

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BENEFITS OD MANAGERIAL DELEGATIONS

Radojević Milica

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RELEVANCE OF PROBABILITY DISTRIBUTION OF EFFLUENT QUALITY PARAMETERS FOR THE TREATMENT PLANTS DESIGN

Mitrinović David, Perović M., Miodrag P., Kovačević S., Matić B.

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