



PROGRAM
1- međunarodne studentske GREEN konferencije
17. svibanj 2018.

10,00 – 10,30	Poljoprivredni fakultet u Osijeku Aula Magna Otvaranje 1. međunarodne studentske GREEN konferencije		
10,30 – 10,50	Plenarno predavanje N. Raos: Mjesto čovjeka u svemiru		
10,50 – 11,10	Plenarno predavanje Z. Vakula: O vremenu, klimi i još koječemu...		
11,10 – 11,40	PAUZA ZA KAVU I POSTERSKA PRIOPĆENJA		
Aula Magna		Aula Media	
11,40 – 11,50	Ivana Vučetić, India-Dea Vučković, Anamarija Frankić HOW WOULD NATURE REMOVE MICROPLASTIC FROM MARINE ENVIRONMENT: CROBIN SOLUTION	11,40 – 11,50	Tomislav Brdarić, Mirela Mićan, Domagoj Karačić UTJECAJ AKTIVNOSTI LOKALNIH I REGIONALNIH SUBJEKATA NA RAZVOJ KONTINENTALNOG TURIZMA U SLAVONIJI I BARANJI THE IMPACT OF ACTIVITIES OF LOCAL AND REGIONAL ENTITIES ON THE DEVELOPMENT OF CONTINENTAL TOURISM IN SLAVONIA AND BARANJA
11,50 – 12,00	Josip Beber, Robert Pašićko, Lucija Nađ GRUPNO FINANCIRANJE PROJEKATA ZELENE ENERGIJE CROWDFUNDING OF GREEN ENERGY PROJECTS	11,50 – 12,00	Nenad Židak, Nidžara Osmanagić Bedenik IZAZOV ZELENE KEMIJE THE CHALLENGE OF GREEN CHEMISTRY
12,00 – 12,10	Valentina Bermanec, Nataša Drvenkar, Ivana Unukić ZELENA EKONOMIJA – KONCEPTUALNI ASPEKTI RAZVOJA U REPUBLICI HRVATSKOJ	12,00 – 12,10	Mario Paral, Jadranka Brkić-Vejmelka ODGOJNO-OBRAZOVNI PROGRAMI U ZAŠTIĆENIM PODRUČJIMA HRVATSKE – PRIMJERI IZ KRŠKIH PODRUČJA



	GREEN ECONOMY - CONCEPTUAL ASPECTS OF DEVELOPMENT IN THE REPUBLIC OF CROATIA		EDUCATIONAL PROGRAMS IN PROTECTED AREAS OF CROATIA – KARST AREAS EXAMPLES
12,10 – 12,20	Karlo Strunje, Matej Gojanović-Rakić, Sara Essert, Vera Rede UTJECAJ USMJERENOSTI STRUKTURE NA SAVOJNI MODUL ELASTIČNOSTI DRVA HRASTA U LONGITUDINALNOM SMJERU EFFECTS OF MICROSTRUCTURAL ORIENTATION ON BENDING MODULUS OF ELASTICITY OF OAK TRUNKS IN THE LONGITUDINAL DIRECTION	12,10 – 12,20	Antonia Dražić, Marija Parać, Lucija Radalj, Martin Trošelj, Claudia Kruschel SEQUESTERING CARBON DIOXIDE WITH MYCORRHIZAL FUNGI
12,20 – 12,30	Amira Ključo, Amina Suljović, Tajma Pehilj, Eldina Smječanin UTICAJ BUKE NA ZDRAVLJE ČOVJEKA THE IMPACT OF NOISE ON HUMAN HEALTH	12,20 – 12,30	Miran Ilić, Božica Vešligaj PRIMJENA MEHANIČKE DEZINFEKCIJE U SVRHU SMANJENJA KORIŠTENJA DEZINFICIJENSA (KEMIJSKE DEZINFEKCIJE) APPLYING MECHANICAL DISINFECTION IN ORDER TO REDUCE USAGE OF DISINFECTANTS (CHEMICAL DISINFECTANTS)
12,30 – 12,40	Marta Skračić, Tomislav Skračić EXHAUST GASES FROM SHIPS AND GREEN TECHNOLOGIES	12,30 – 12,40	Martina Šamal, Marijeta Vitez Pandžić EKOLOGIJA KAO VAŽAN SEGMENT LOKALNE SAMOUPRAVE ECOLOGY AS AN IMPORTANT SEGMENT OF LOCAL SELF-GOVERNMENT
12,40 - 12,50	Dorotea Markasović, Nikol Kučera, Dino Obradović ZELENI KROVOVI – NAŠA BUDUĆNOST GREEN ROOFS – OUR FUTURE	12,40 - 12,50	Antonija Manestar, Dunja Brozović Rončević ODRŽIVI OTOK – ANTROPOLOŠKI PRISTUP ODRŽIVOM RAZVOJU SUSTAINABLE ISLAND – ANTHROPOLOGICAL APPROACH TO THE SUSTAINABLE DEVELOPMENT
12,50 - 13,00	Lucija Sekula, Zrinka Barišić-Marenić ZADARSKA GAŽENICA – INTERMODALNO PROMETNO ČVORIŠTE I MOGUĆNOSTI REGENERACIJE SKLADIŠNIH ZGRADA THE INDUSTRIAL ZONE OF THE CITY OF ZADAR – INTERMODAL HUB AND POSSIBILITIES IN WAREHOUSES' REGENERATION	12,50 - 13,00	Katarina Polak, Ana Popović KORELIRANJE SADRŽAJA NASTAVE PRIRODE I DRUŠTVA I GLAZBE: PROLJETNICE U DJEČJIM PJESMAMA CORRELATION OF TEACHING CONTENT IN NATURE AND SOCIETY EDUCATION AND MUSIC: SPRING FLOWERS IN CHILDREN'S SONGS
13,00 - 13,10	Nenad Židak, Nidžara Osmanagić Bedenik GRADSKO VRTLARENJE – CJELOVIT PRISTUP	13,00 - 13,10	Milica Dudić, Mihal Mučenski, Maja Meseldžija HERBICIDES APPLIED IN SOYBEAN IN INTEGRATED WEED MANAGEMENT
13,10 - 13,20	Martina Gelli, Jelena Bažon, Kristina Bralić, Ana Pejaković, Neven Iveša, Mauro Štifanić, Ana Gavrilović KAKO KLIMATSKE PROMJENE UTJEČU NA IHTIOFAUNU JADRANSKOG MORA? HOW DO CLIMATE CHANGES AFFECT THE ADRIATIC ICHTHYOFAUNA?	13,10 - 13,20	Vedran Gongeta, Ines Zidar, Sanja Gongeta ZAKONODAVNI OKVIR KAO TEMELJ ODRŽIVOG PROMETA UNUTARNJIM PLOVNIM PUTOVIMA LEGISLATIVE FRAMEWORK AS THE FOUNDATION OF SUSTAINABLE INLAND WATERWAY TRANSPORT



13,20 - 13,30	Ivana Kujundžija, Maja Dolinščak, Ivana Paula Gortan-Carlin OBRAZOVANJE GLAZBOM: PJESMA KAO SREDSTVO BUĐENJA EKOLOŠKE SVIJESTI EDUCATION WITH MUSIC: THE SONG AS A MEANS OF AWAKENING ECOLOGICAL CONSCIOUSNESS	13,20 - 13,30	Ana Minarik, Vladan Malbaša, Martina Posavac, Ana Marija Keri, Boris Antunović ANIMAL WELFARE AS A PRECONDITION FOR ENJOYABLE ANIMAL FARMING
13,30 - 13,40	Hrvoje Albert, Zvonimir Klaić UTJECAJ PREHRAMBENOG INDUSTRIJSKOG POGONA NA KVALITETU ELEKTRIČNE ENERGIJE THE INFLUENCE OF A FOOD INDUSTRIAL PLANT ON THE POWER QUALITY	13,30 - 13,40	Irma Mršo, Merima Musa, Amina Bota, Eldina Smječanin ZNAJANJE, STAV I PRAKSA GRAĐANA O ZDRAVSTVENOM I EKOLOŠKOM ZNAČAJU VODE KNOWLEDGE, ATTITUDE AND PRACTICE OF CITIZENS ON HEALTH AND ECOLOGICAL IMPORTANCE OF WATER
13,40 - 14,50	Dorotea Ćosić, Lucija Iljić, Marko Žmarić, Emina Pustijanac, Ines Kovačić INTEGRIRANI ODGOVOR BIOMARKERA ZA PROCJENU FIZIOLOŠKIH ODGOVORA NA STRES INDUCIRANIM OKOLIŠNIM KONCENTRACIJAMA KOFEINA U MEDITERANSKOJ DAGNJI <i>MYTILUS GALLOPROVINCIALIS</i> USE OF AN INTEGRATED BIOMARKER-BASED STRATEGY TO EVAL UATE PHYSIOLOGICAL STRESS RESPONSES INDUCED BY ENVIRONMENTAL CONCENTRATIONS OF CAFFEINE IN THE MEDITERRANEAN MUSSEL <i>MYTILUS GALLOPROVINCIALIS</i>	13,40 - 14,50	Helena Sugnetić, Ana Mojsović Čuić ISTRAŽIVANJE ZNAJANJA VLASNIKA OBITELJSKO POLJOPRIVREDNIH GOSPODARSTAVA O ZBRINJAVANJU OTPADA ŽIVOTINJSKOG PODRIJETLA RESEARCH ON HOW KNOWLEDGEABLE AND INFORMED THE OWNERS OF FAMILY AGRICULTURAL FARMS ARE ON THE TOPIC OF ANIMAL ORIGIN WASTE TREATMENT
13,50 - 14,00	Tomislav Kovačić, Goran Vojković, Lovorka Gotal Dmitrović SVEMIRSKI OTPAD SPACE WASTE	13,50 - 14,00	Medina Šehić, Elvira Babačić, Minela Žapčević, Adnan Ćehajić MOGUĆNOST UPRAVLJANJA BIOOTPADOM NA PODRUČJU GRADA BIHAĆA THE POSSIBILITY OF MANAGING BIOWASTE IN THE AREA OF THE TOWN OF BIHAC
14,00 - 14,30	PAUZA ZA KAVU I POSTERSKA PRIOPĆENJA		
14,30 - 14,40	Danijela Šeremet, Kristina Vranić, Tomislava Vukušić COLD PLASMA AS NEW GREEN TECHNOLOGY	14,30 - 14,40	Jagoda Mijač, Sara Inić, Ana Sutlović EKOLOŠKO-TOKSIKOLOŠKE SMJERNICE OPTIMIRANJA PROCESA BOJADISANJA POLIAMIDNOG PLETIVA ECOLOGICAL-TOXICOLOGICAL GUIDELINES FOR OPTIMIZING THE PROCESS OF DYEING POLYAMIDE KNITTING
14,40 - 14,50	Dijana Kulačanin, Sandra Bijelić, Đorđe Malenčić TRADITIONAL WALNUT LIQUEUR – COCKTAIL OF POLYPHENOLS	14,40 - 14,50	Sven Bogdan, Lana Filipović, Monika Zovko MOSESSES AS A BIOINDICATOR OF A HEAVY METAL POLLUTION
14,50 - 15,00	Sara Agović, Ana Mojsović Čuić ODVAJAMO ZAJEDNO!	14,50 - 15,00	Martina Peša, Amina Hrković-Porobija



	WE SEPARATE TOGETHER!		ULOGA LEPTINA U ORGANIZMU I PERSPEKTIVE NJEGOVOG KORIŠTENJA U TERAPIJI THE ROLE OF LEPTIN IN THE BODY AND THE PERSPECTIVE OF ITS USE IN THERAPY
15,00 - 15,10	Debora Briševac, Lidija Ćurković, Ivana Sever, Zrinka Švagelj KARAKTERIZACIJA Al_2O_3 SUSPENZIJA STABILIZIRANIH POLIELEKTROLITNIM DISPERZANTOM CHARACTERIZATION OF Al_2O_3 SUSPENSIONS STABILIZED WITH POLYELECTROLYTE DISPERSANT	15,00 - 15,10	Vinko Božić, Vedran Lederer, Monika Marković ISPIRANJE NITRATA U UVJETIMA NAVODNJAVANJA I GNOJIDBE DUŠIKOM NITROGEN LEACHING AS AFFECTED BY IRRIGATION AND NITROGEN FERTILIZATION MANAGEMENT
15,10 - 15,20	Debora Gambaletta, Roberta Smiljanić, Dorotea Tomić, Anita Vukušić, Kristina Afrić Rakitovac ODRŽIVI HOTELI – PROMICATELJI ODRŽIVA RAZVOJA U LOKALNOJ ZAJEDNICI SUSTAINABLE HOTELS – PROMOTERS OF SUSTAINABLE DEVELOPMENT IN THE LOCAL COMMUNITY	15,10 - 15,20	Dragana Dorić, Bogdana Vujić, Borivoj Novaković, Jelena Mičić PRIMJENA ANALIZE TOKOVA MATERIJALA U UPRAVLJANJU OTPADNIM PAPIROM U SRBIJI USE OF MATERIAL FLOW ANALYSIS IN WASTE PAPER MANAGEMENT IN SERBIA
15,20 - 15,30	Dario Balaban, Alija Salkunić, Bajro Salkunić, Danijela Rajić LIFE CYCLE OF POLYMERS AND BIOPOLYMER MATERIALS	15,20 - 15,30	Nikola Jelaš, Dunja Rekić, Lana Feher Turković MICROPLASTICS AND THEIR IMPACT ON THE LIVING WORLD
15,30 - 15,40	Nikolina Forić, Ivana Majić BIOLOŠKA KONTROLA ŠTETNIH KUKACA S ENTOMOPATOGENIM GLJIVAMA <i>METARHIZIUM</i> SPP. BIOLOGICAL CONTROL OF INSECT PESTS BY ENTOMOPATHOGENIC FUNGI <i>METARHIZIUM</i> SPP.	15,30 - 15,40	Analisa Marić, Irena Šabarić ODRŽIVI RAZVOJ U MODNOJ INDUSTRIJI/ SUSTAINABLE DEVELOPMENT IN THE FASHION INDUSTRY
15,40 - 15,50	Janja Zubović, Marina Poje Sovilj DETERMINATION OF THE RADON ^{222}Rn ACTIVITY CONCENTRATION IN WATER FROM THE PUBLIC WATER SUPPLY AND PRIVATE WELLS IN SLAVONSKI ŠAMAC MUNICIPALITY USING LIQUID SCINTILLATION DETECTOR	15,40 - 15,50	Jelena Mandarić, Ivana Križić, Bojan Šarkanj, Marina Kunac PAMETNO UPRAVLJANJE OTPADNOM HRANOM U ŠKOLSKIM KANTINAMA OSJEČKO-BARANJSKE ŽUPANIJE SMART WASTE MANAGEMENT IN SCHOOL CAFETERIA IN OSIJEK BARANJA COUNTY
15,50 - 16,00	Neira Ćirić, Zrinka Barišić-Marenić INDUSTRIJSKA BAŠTINA GRADA SISKI INDUSTRIAL HERITAGE OF CITY OF SISAK	15,50 - 16,00	Dalibor Tatar, Nikolina Filipović, Berislav Marković, Magdalena Domaćinović UPOTREBA ENZIMA IZOLIRANIH IZ VOĆA ZA BIOKATALIZU INDUSTRIJSKIH SINTEZA USAGE OF FRUIT ISOLATED ENZYMES AS BIOCATALYSTS FOR INDUSTRIAL SYNTHESIS
16,00 - 16,10	Ena Pribisalić, Snježana Majstorović ZAGRIJAVANJE ZEMLJINE POVRŠINE	16,00 - 16,10	Silvija Šafranko, Pavo Živković, Anamarija Stanković, Aleksandar Sečenji



	HEATING OF THE EARTH'S SURFACE		COLORX: MODIFICIRANA KOLORIMETRIJSKA METODA ZA KVANTITATIVNU ANALIZU U JEDNOSTAVNIM SUSTAVIMA COLORX: A MODIFIED COLORIMETRIC METHOD FOR QUANTITATIVE ANALYSIS IN SIMPLE SYSTEMS
16,10 – 16,20	Susana Paixão, Fernando Moreira, COMMUNITY EDUCATION FOR CULICIDAE CONTROL	16,10 – 16,20	Afrodita Ramos, Blagica Cekova REDUCING THE LEVEL OF SOIL EROSION USING GAP
16,20 – 16,30	Erica Svetec, Ivona Golub, Viktor Ricijaš, Martin Jandrić, Robert Pašičko UMJETNA INTELIGENCIJA I KLIMATSKE PROMJENE ARTIFICIAL INTELLIGENCE AND CLIMATE CHANGE	16,20 – 16,30	Alen Hmelina, Andrej Brandis, Denis Pelin, Danijel Topić DIDAKTIČKA OPREMA ZA UČENJE O FOTONAPONSKIM SUSTAVIMA SMALL SCALE PHOTOVOLTAIC LEARNING PLATFORM
16,30 – 16,40	Dorotea Markasović, Tihomir Dokšanović, Mario Galić SMANJENJE EMISIJA CO ₂ U PRIMJENI ČELIKA U GRAĐEVINARSTVU REDUCTION OF CO ₂ EMISSIONS IN STRUCTURAL APPLICATIONS OF STEEL	16,30 – 16,40	Matija Jambrović, Tomislav Veliki REPRODUCIBILITY AND REPEATABILITY OF THE CNC COORDINATE MEASURING MACHINE
16,40 – 16,50	Iva Odorčić, Marko Šošić, Irella Bogut UČENIČKI RADOVI GRAFIČKOGA DIZAJNA I NJIHOVA POVEZANOST S RJEŠAVANJEM PROBLEMA DRUŠTVENE ZAJEDNICE PUPIL GRAPHICAL DESIGN WORK AND IT'S CONNECTION WITH COMMUNITY PROBLEM SOLVING	16,40 – 16,50	Nikolina Dunder, Ivan Leninger, Marin Pavin, Željko Šreng, Siniša Maričić DARCYJEV ZAKON – PRIMJER UPOTREBE FIZIKALNOG MODELA DARCY'S LAW – AN EXAMPLE OF PHYSICAL MODEL APPLICATION
16,00 – 16,00	Erhan Mustafa, Kirili Lisichkov, Mirko Marinkovski, Stefan Kuvendziev, Zoran Bozinovski COMPARATION OF PERMEABILITY CHARACTERISTICS OF FLAT SHEET CERAMIC AND POLYMERIC MEMBRANE MODULE FOR DIFFERENT AQUEOUS SOLUTIONS	16,00 – 16,00	Matea Bošnjaković, Marina Poje Sovilj DETERMINATION OF THE RADON ²²² RN ACTIVITY CONCENTRATION IN BOTTLED MINERAL WATER USING LIQUID SCINTILLATION DETECTOR
16,00 – 17,00	DOMIJENAK		
17,00 - 17,30	PROJEKCIJA FILMA Akademija za umjetnost i kulturu Autorski projekt studenata Odsjeka za primijenjenu umjetnost „Duša Drave“		
20,00 -	AFTER-CONFERENCE-PARTY VELIKA STUDENTSKA ROŠTILJADA U KAMPUSU KONCERT GRUPE „ZABRANJENO PUŠENJE“		

18. svibanj 2018.



Poljoprivredni fakultet u Osijeku Aula Magna			
9,30 – 9,50	Plenarno predavanje B. Zelić: Primjena mikrostrukturiranih uređaja u razvoju procesa		
9,50 – 10,20	Plenarno predavanje A. Lillicrap: Što je ekotoksikologija i zašto je tako važna za okoliš?		
Aula Magna		Aula Media	
10,30 – 10,40	Hamdije Memedi, Katerina Atkovska, Stefan Kuvendziev, Mirko Marinkovski, Zoran Bozhinovski, Kiril Lisichkov REMOVAL OF CR(VI) IONS FROM AQUEOUS SOLUTIONS BY NATURAL SORBENT	10,30 – 10,40	Ana Pavlačić, Marina Poje Sovilj COMPARISON OF SEVERAL METHODS FOR THE DETERMINATION OF THE RADON ²²² RN ACTIVITY CONCENTRATION IN DRINKING WATER
10,40 – 10,50	Mateja Filković, Tomislava Vukušić IMPROVED GERMINATION OF WHEAT SEEDS BY COLD PLASMA TREATMENT	10,40 – 10,50	Krešimir Matić, Lovorka Gotal Dmitrović MOGUĆNOSTI GOSPODARENJA OTPADOM PRILIKOM REMONTA ŽELJEZNIČKE PRUGE POSSIBILITY OF WASTE MANAGEMENT DURING THE OVERHAUL OF THE RAILWAY LINE
10,50 – 11,00	Katarina Badak, Lada Zibar WATER QUALITY - MYTHS AND EVIDENCE	10,50 – 11,00	Ivan Leninger, Marin Pavin, Nikolina Dunder, Željko Šreng, Siniša Maričić STRUJNA MREŽA – PREDODŽBA PROTOKA KROZ TLO FLOW NETWORK – A SIMULATION OF GROUNDWATER FLOW
11,00 – 11,10	Dalia Božanović, Valentina Bušić, Dajana Gašo-Sokač REDUKCIJA KARBONILNIH SPOJEVA BIODOKATALIZATORIMA IZ BILJAKA – EKOLOŠKI PRISTUP PROIZVODNJI ALKOHOLA REDUCTION OF CARBONYL COMPOUNDS BY BIODOCATALYSTS FROM PLANTS - ECOLOGICAL APPROACH TO ALCOHOL PRODUCTION	11,00 – 11,10	Mateja Bukovac, Jennifer Dumić, Maja Plašč, Ana Šterpin, Ines Kovačić EDUCATION FOR SUSTAINABLE DEVELOPMENT IN SCIENCE TEACHING IN CROATIA
11,10 – 11,20	Leonnell Radinski, Valentina Vida, Mateja Šapina, Suzana Vuletić EKOTEOLOŠKI POTICAJI AMBIJENTALNE BIOETIKE ENCIKLIKE „LAUDATO SI“ ECOTEOLOGICAL INCENTIVES OF ENVIRONMENTAL BIOETHICS ENCYCLICAL "LAUDATO SI"	11,10 – 11,20	Antonela Galić, Marija Nujić, Natalija Velić, Tamara Jakovljević, Mirna Habuda-Stanić REMOVAL OF CONGO RED USING WASTE WOOD BIOMASS AS ADSORBENT



11,20 – 11,30	Romana Bisaga, Željko Popović EKOLOGIJA I NACIONALNA BAŠTINA – JEDINSTVENI DIPLOMSKI SVEUČILIŠNI STUDIJ PREDŠKOLSKOGA ODGOJA U HRVATSKOJ ECOLOGY AND NATIONAL HERITAGE – A UNIQUE MASTER'S DEGREE COURSE IN PRE-SCHOOL EDUCATION IN CROATIA	11,20 – 11,30	Maja Mitrović, Miran Koh, Ivana Turković Čakalić, Dubravka Čerba ZAJEDNICA TRZALACA (CHIRONOMIDAE, DIPTERA) U SEDIMENTU UMJETNIH VODENIH TIJELA CHIRONOMID (CHIRONOMIDAE, DIPTERA) ASSEMBLAGES IN THE SEDIMENT OF MAN-MADE WATERBODIES
11,30 - 11,40	Mirna Bognar, Ljubica Matek THE SUBLIME AND LITERARY ENVIRONMENTALISM IN ROMANTICISM	11,30 - 11,40	Francesc Garcia, Damir Šljivac, Matej Žnidarec PERFORMANCE ANALYSIS OF HOUSEHOLD MICROGRID WITH RENEWABLE ENERGY SOURCES
11,40 - 11,50	Valentin Vidakušić, Dario Brdarić, Krunoslav Capak, Matej Šapina, Karolina Kramarić, Andrey Egorov IMPLEMENTACIJA PROJEKTA ZA VODU, SANITACIJU I HIGIJENU (VSH) U ŠKOLAMA NA PODRUČJU OSJEČKO-BARANJSKE ŽUPANIJE IMPLEMENTATION OF WATER, SANITATION & HYGIENE (WASH) SURVEY IN OSIJEK-BARANJA COUNTY SCHOOLS	11,40 - 11,50	Ivana Terzić, Mirta Sudarić Bogojević AZIJSKI TIGRASTI KOMARAC (<i>Aedes albopictus</i>) - INVAZIVNA STRANA VRSTA SLAVONSKOGA BRODA ASIAN TIGER MOSQUITO (<i>Aedes albopictus</i>) - INVASIVE ALIEN SPECIES OF SLAVONSKI BROD
11,50 - 12,00	Ana Živković, Šeherezada Džafić FIKCIONALNI I FAKCIONALNI PROSTOR IZMEĐU GRADA ZAGREBA I GRADA BANJA LUKE	11,50 - 12,00	Sara Vranješ, Dajana Gašo-Sokač ZELENA SINTEZA SIMVASTATINA GREEN SYNTHESIS OF SIMVASTATIN
12,00 - 12,10	Ilma Murić, Šeherezada Džafić EKO-KULTURNI IDENTITETI GLOBALIZIRANOG DRUŠTVA ECO-CULTURAL IDENTITIES OF A GLOBALIZED SOCIETY	12,00 - 12,10	Željka Balog, Mirna Habuda-Stanić EKOLOŠKI UZGOJENA HRANA ORGANIC FOOD PRODUCTION
12,10 - 12,20	Šimun Kvaternik, Mirna Habuda-Stanić TOPLINSKA ZAGAĐENJA OKOLIŠA THERMAL POLLUTION OF THE ENVIRONMENT	12,10 - 12,20	David Liović, Marko Mirković, Milan Kljajin ANALIZA UTJECAJA ŽIVOTNOG KRUGA ELEKTRIČNE GRIJALICE VODE NA OKOLIŠ - S I BEZ RECIKLIRANJA ENVIRONMENTAL LIFE CYCLE ASSESSMENT ANALYSIS OF ELECTRIC WATER HEATER - WITH AND WITHOUT RECYCLING
12,20 - 12,30	Maja Plašč, Mateja Bukovac, Jennifer Dumić, Ana Šterpin, Ines Kovačić STUDENTS' ATTITUDES AND SKILLS ABOUT COMPONENTS OF SUSTAINABLE DEVELOPMENT AT TEACHER STUDY ON JURAJ DOBRILA UNIVERSITY OF PULA	12,20 - 12,30	Ana Medić, Željko Senković KLIMATSKA POLITIKA I NOVA EKUMENA: O POTREBI ZA NOVIM PROSVJETITELJSTVOM CLIMATE POLITICS AND THE NEW ECUMENE: ABOUT THE NEED FOR A NEW ENLIGHTENMENT
12,30 - 12,40	Ivana Pavelić, Mirela Mezak Matijević PRAVO ZAŠTITE OKOLISA I IMPELEMNTACIJA NJEGOVI NORMI U USTAV REPUBLIKE HRVATSKE THE RIGHT TO PROTECT THE ENVIRONMENT AND IMPEL THAT NORMS IN THE CONSTITUTION OF THE REPUBLIC OF CROATIA	12,30 - 12,40	



12,40 – 13,10	PAUZA ZA KAVU I POSTERSKA PRIOPĆENJA
13,10 - 13,40	DODJELA NAGRADE ZA NAJBOLJU USMENU I POSTER PREZENTACIJU ZAKLJUČCI I RASPRAVA I ZATVARANJE KONFERENCIJE
14,00 -	STRUČNI OBILAZAK PARKA PRIRODE KOPAČKI RIT

POSTERSKE PREZENTACIJE

Poljoprivredni fakultet u Osijeku 17.-18.05.2018. Osijek Hrvatska
<u>PRIRODNE ZNANOSTI</u>
1. Marija Andabak, Ivana Živković, Marija Paurević, Martina Šrajer Gajdošik THE ROLE OF METALLOTHIONEINS IN DETOXIFICATION AND OXIDATIVE STRESS 2. Amra Bratovčić, Amra Odobašić, Indira Šestan, Adisa Hasanbašić, Emina Tucić IMPACT OF SOLVENT AND TEMPERATURE ON SOLUBILITY AND VISCOSITY OF EXPANDED POLYSTYRENE (EPS) 3. Mateja Drulak, Marina Ilić, Anamarija Stanković, Martina Medvidović-Kosanović ISPITIVANJE OKSIDO-REDUKCIJSKIH SVOJSTAVA L-HISTIDINA STUDY OF OXIDO-REDUCTION PROPERTIES OF L-HISTIDINE 4. Sara Hajdaš, Bruno Vučković, Ana Mojsović Čuić RAD I DJELOVANJE "EKO ZVU" GRUPE WORK AND ACTIVITY OF "EKO ZVU" GROUP



5. Emir Horozić, Asima Časurović, Merima Čamdžić, Sanela Bektić, Nejra Peštalić, Ajla Subašić, Zahida Ademović
ISPITIVANJE SADRŽAJA VITAMICA C U RAZLIČITO TRETIRANOM VOĆU I POVRĆU
INVESTIGATION OF THE VITAMIN C CONTENT IN DIFFERENTLY TREATED FRUITS AND VEGETABLES

6. Doris Iličić, Goran Palijan
MIKROBIOLOŠKA ANALIZA IZVORSKE VODE NA PODRUČJU PAPUKA
MICROBIOLOGICAL QUALITY OF NATURAL SPRING WATER IN THE PAPUK AREA

7. Luka Ivanković, Lovro Vukadinović, Doris Iličić, Goran Palijan
ISOLATION OF NON-RHIZOSPHERIC WHEAT GROWTH PROMOTING BACTERIA

8. Nataša Katanić, Anita Galir Balkić
INFLUENCE OF ENVIRONMENTAL VARIABLES ON ZOOPLANKTON DEVELOPMENT IN THE DANUBE RIVER

9. Radenka Kolarov, Mirjana Ljubojević
CULTURAL - ECOLOGICAL POTENTIALS OF URBAN GARDENS

10. J. Komljenović, T. Kristić, T. Mandir, D. Bjedov, A. Đurić, M. Kovačević, A. Mikuška
GNIJEŽĐENJE VRANE GAČAC (*Corvus frugilegus* L. 1758) U ISTOČNOJ SLAVONIJI
BREEDING OF ROOKS (*Corvus frugilegus* L. 1758) IN THE EASTERN SLAVONIA

11. Kristijan Konopka, Mario Lovrić, Elvira Kovač-Andrić
ODNOS KONCENTRACIJA O₃ I NO_x U PRIZEMNOM SLOJU ATMOSFERE IZNAD ZAGREBA, OSIJEKA I DUBROVNIKA
THE RELATION BETWEEN O₃ AND NO_x IN THE ATMOSPHERIC BOUNDARY LAYER IN THE ZAGREB, OSIJEK AND DUBROVNIK

12. Matija Kresonja, Matej Šag, Viktorija Ergović, Dubravka Čerba
FONTANE KAO IZVORI BIOLOŠKE RAZNOLIKOSTI URBANIH BIOTOPA
FOUNTAINS AS A SOURCE OF BIODIVERSITY IN URBAN BIOTOPES

13. Tomislav Mandir, Marija Kovačević, Mario Šimić, Matija Grgošević, Tanja Žuna Pfeiffer, Dubravka Špoljarić Maronić
FLORA STEPOLIKOG TRAVNJAKA U BISTRINCIMA (ISTOČNA HRVATSKA)
FLORA OF STEPPE-LIKE GRASSLAND AREA IN BISTRINCI (EAST CROATIA)

14. Vesna Markoska, Petar Petrov, Katerina Atkovska, Kiril Lisichkov
APPLICATION OF PERLITE AS A SUBSTRATE FOR SOIL PROPERTIES IMPROVEMENT FOR ENVIRONMENTAL PROTECTION



15. Ana Matijašević, Rea Miletić, Klara Štingl, Martina Šrajer Gajdošik, Ana Amić
EVALUATION OF ANTIOXYDANT POTENTIAL OF PHENOLIC COMPOUNDS PRESENT IN BLACK ELDERBERRY, *SAMBUCUS NIGRA* L.
16. Antonia Merčep, Andrej Jozinović, Lucia Stipičević, Dolores Grilec, Marijana Pećarević
UTJECAJ OBORINSKIH VODA NA ABUNDANCIJU BAKTERIJA U DUBROVAČKOM AKVATORIJU
RAINFALL INFLUENCE ON THE ABUNDANCE OF BACTERIA IN DUBROVNIK MARINE WATERS
17. Martina Mezei, Aleksandra Petrović, Vojislava Bursić
CLADOCERANS (CRUSTACEA: CLADOCERA) SEASONAL DYNAMICS AT SNR "OBEDSKA BARA"
18. Stjepan Perak, Elvira Kovač-Andrić
PRIMJENA KITOZANA U ZAŠTITI OKOLIŠA
USE CHITOSAN IN ENVIRONMENT PROTECTION
19. Gabriela Ravnjak, Martina Andrijević, Dajana Gašo-Sokač
ZELENE ORGANSKE SINTEZE LIJEKOVA
GREEN ORGANIC SYNTHESIS OF DRUGS
20. Stella Rebić, Tea Jukić, Karlo Kajfeš, Ada Puntarić, Ana Petrović, Vlatka Gvozdić, Dinko Puntarić, Domagoj Vidosavljević
DETERMINATIONS OF TWELVE RARE EARTH ELEMENTS IN THE HAIR SAMPLES OF INHABITANTS OF EASTERN CROATIA (ICP-MS)
21. Nikolina Sabo, Katarina Šunić, Stjepan Krčmar, Ana Amić
SPECIFIČNOST ODNOSA VEKTOR-PARAZIT
THE SPECIFICITY OF VECTOR-PARASITE RELATIONSHIP
22. Edina Srabović, Mirela Grbić, Almir Sarajlić, Mirnesa Zohorović
UPOTREBA AUTOHTONIH PASMINA U ORGANSKOJ POLJOPRIVREDI PRI RAZVOJU NERAZVIJENIH PODRUČIJA
USAGE OF AUTOCHTHONOUS BREEDS IN ORGANIC AGRICULTURE IN THE DEVELOPMENT OF UNDERDEVELOPED AREAS
23. Silvija Šafranko, Dominik Goman, Filip Bolić, Marina Sekulić, Anamarija Stanković, Nives Matijaković, Berislav Marković
NEW METHODS FOR BIOMATERIAL PREPARATION: MECHANOCHEMICAL SYNTHESIS OF CALCIUM OXALATE MONOHYDRATE
24. Nancy Topić, Lina Tenžera, Maja Ivančić, Lalita Barišić
ŽCGO MARIŠĆINA - PRAĆENJE KVALITETE ZRAKA U RAZDOBLJU 2012.-2016. GODINE
CWMC MARIŠĆINA – AIR QUALITY MONITORING IN THE PERIOD FROM 2012 TO 2016
25. Pavo Živković, Milenko Korica, Jelena Bijelić, Igor Djerdj
DEGRADATION OF CONGO RED (CR) CATALYZED BY NANOSTRUCTURED CERIA



BIOMEDICINA I ZDRAVSTVO

26. Belma Alispahić, Amra Čolić, Sead Karakaš

FIZIKALNO-KEMIJSKI KVALITET VODE ZA PIĆE NA PODRUČJU SREDNJOBOSANSKOG KANTONA U 2017. GODINI
PHYSICOCHEMICAL QUALITY OF DRINKING WATER IN CENTRAL BOSNIA CANTON IN 2017

27. Srđana Đorđijevski, Tatjana Majkić, Ljilja Torović, Ivana Beara

WINE AND HEALTH: MERLOT SUPPRESS INFLAMMATION AND OXIDATION PROCESSES

28. Aleksandra Maria Đurić, Ana Frangeš, Krešimir Martinković, Hrvoje Capak

MOGUĆNOST UDOMLJAVANJA NAPUŠTENIH PASA S TJELESNIM OŠTEĆENJIMA
THE POSSIBILITY OF ADOPTING ABANDONED DOGS WITH BODY HANDICAP

29. Z. Kotromanović, Ž. Kotromanović, D. Štimac, S. Kotromanović, D. Kotromanović, J. Flam, T. Prpić, J. Rajc

DUKTALNI SALIVARNI KARCINOM PAROTIDE- PRIKAZ BOLESNIKA

30. Karla Krivačić, Ana Mojsović Čuić

KRIJE LI SE U BAKTERIJAMA RJEŠENJE ZA RAZGRADNJU PLASTIČNOG OTPADA?
DOES BACTERIA HIDE THE SOLUTION FOR DEGRADATION OF PLASTIC WASTE?

31. Lamija Kuka, Nejra Pašalić, Mirza Dedić, Ervina Bečić

ZNAČAJ ISPITIVANJA PRISUSTVA REZIDUA ANTIBIOTIKA U OKOLIŠU
THE SIGNIFICANCE OF DETERMINATION OF THE ANTIBIOTIC RESIDUES PRESENCE IN THE ENVIRONMENT

32. Martina Matanović, Barbara Viljetić

DISTRIBUCIJA INZULINSKOG RECEPTORA U HIPOKAMPUSU GENETIČKI IZMIJENJENOG MIŠA *B4GALNT1*
DISTRIBUTION OF INSULIN RECEPTOR IN THE HIPPOCAMPUS OF GENETICALLY MODIFIED MOUSE *B4GALNT1*

33. Valerija Nora, Mateja Ožanić, Valentina Marečić, Marina Šantić

UTJECAJ KLOOROKINA, RAPAMICINA I VORTMANINA NA PREŽIVLJAVANJE I RAZMNOŽAVANJE BAKTERIJA *LEGIONELLA PNEUMOPHILA* I *FRANCISELLA NOVICIDA* UNUTAR AMEBE *DICTYOSTELIUM DISCOIDEUM*
THE INFLUENCE OF CHLOROQUINE, RAPAMYCIN AND WORTMANNIN ON THE SURVIVAL AND REPRODUCTION OF BACTERIA *LEGIONELLA PNEUMOPHILLA* NA *FRANCISELLA NOVICIDA* WITHIN AMEBE *DICTYOSTELIUM DISCOIDEUM*

34. Dunja Rekić, Nikola Jelaš, Lana Feher Turković

BISFENOL A I FTALATI – UTJECAJ NA LJUDSKO ZDRAVLJE
BISFENOL A AND PHTHALATES – IMPACT ON HUMAN HEALTH



TEHNIČKE ZNANOSTI

35. Ivo Aščić, Ivan Lovrić, Tomislav Kljak

ANALIZA ZASTUPLJENOSTI TEMA PRIRODE I EKOLOGIJE NA POŠTANSKIM MARKAMA REPUBLIKE HRVATSKE
ANALYSE OF NATURE AND ECOLOGY THEMES REPRESENTATION ON CROATIAN POSTAGE STAMPS

36. Silvio Ferić, Toni Capek, Danijel Topić

RAZVOJ I VAŽNOST SKLADIŠTENJA ENERGIJE S ASPEKTA INTEGRACIJE OBNOVLJIVIH IZVORA
THE DEVELOPMENT AND IMPORTANCE OF ENERGY STORAGE IN RESPECT TO INTEGRATION OF RENEWABLE ENERGY

37. Biljana Janevska

MANAGEMENT OF WATER RESOURCES IN R.MACEDONIA: A REVIEW

38. Borna Jurišković, Marija Šperac

UTJECAJ KISELIH KIŠA NA OKOLIŠ
INFLUENCE OF ACID RAINS ON THE ENVIRONMENT

39. Antonija Kovačević, Ema Lovrinčić, Vesna Očelić Bulatović, Marija Vuković Domanovac, Dajana Kučić Grgić

BIORAZGRADNJA BISFENOLA A
BIODEGRADATION OF BISPHENOL A

40. Martina Miloloža, Klara Perović Monika Šabić, Marija Vuković Domanovac

KINETIKA BIOREMEDIJACIJE FARMACEUTSKE OTPADNE VODE POMOĆU BIOAUGMENTIRANOG AKTIVNOG MULJA
BIOREMEDIATION KINETICS OF PHARMACEUTICAL WASTEWATER WITH BIOAUGMENTED ACTIVATED SLUDGE

41. Nikolina Nascimento Mrakovčić, Tina Posedi, Dolores Židanić, Ana Petračić, Aleksandra Sander

GREEN ROUTINE FOR BIODIESEL PRODUCTION FROM WASTE COFFEE GROUNDS

42. Petra Olić, Dina Stober

KAKO SE KLASIFICIRA ZELENA INFRASTRUKTURA GRADA OSIJEKA - ANALIZA ZELENIH POVRŠINA GRADSKE ČETVRTI GORNJI GRAD
HOW TO CLASSIFY THE GREEN INFRASTRUCTURE OF THE CITY OF OSIJEK - THE ANALYSIS OF THE GREEN AREAS OF THE CITY DISTRICT UPPER TOWN

43. Ivanka Pavlović, Amila Voljevica, Josipa Primorac, Anita Jurić

OTPADNO JESTIVO ULJE
WASTE COOKING OIL



44. Antonio Penava, Magdy Lučić Lavčević
MORPHOLOGICALLY CONTROLLED ZNO NANOSTRUCTURES FOR IMPROVED PHOTOCATALYTIC ACTIVITY

45. Mihovil Smiljanić, Marija Šperac
POKAZATELJI ODRŽIVOSTI VODNIH RESURSA
INDICATORS OF SUSTAINABILITY OF WATER RESOURCES

46. Marko Tuđan, Mia Kalaica, Goran Rozing
RECIKLIRANJE ODBAČENIH BATERIJA
RECYCLING OF DISCARDED BATTERIES

47. Samet Zekiri, Erhan Mustafa, Zoran Bozinovski, Kirili Lisichkov, Mirko Marinkovski, Stefan Kuvendziev
QUALITATIVE AND QUANTITATIVE CHARACTERISTICS OF DRINKING WATER SPRINGS FOR CITY OF SKOPJE

BIOTEHNIČKE ZNANOSTI

48. Ana Marija Antolković, Milena Jenić, Luna Maslov Bandić
OPTIMIZATION OF ULTRASOUND-ASSISTED EXTRACTION OF PHENOLIC COMPOUNDS FROM RASPBERRY (*RUBUS IDAEUS* L.)

49. Beganović Esad, Mršić Aida, Osmanagić Neira, Rekić Neira, Toromanović Merima, Ibrahimpašić Jasmina
KVALITET KOMPOSTA DOBIVENOG KOMPOSTIRANJEM BIOOTPAD
THE QUALITY OF THE COMPOST OBTAINED BIOWASTE COMPOSTING

50. Antonio Castelletichio, Dragan Sarapa, Petra Banovac, Nikola Kalaković, Anamarija Prgić, Moira Buršić, Ana Gavrilović
“PLAVA REVOLUCIJA” – NOVI KORAK PREMA ODŽIVOJ BUDUĆNOSTI
BLUE REVOLUTION - A NEW STEP TOWARDS SUSTAINABLE FUTURE

51. Jelena Čakarević, Tea Sedlar, Senka Vidović, Jelena Vladić, Stela Jokić, Ljiljana Popović
THE IMPACT OF PRETREATMENTS ON PRODUCTION OF BIOACTIVE PROTEIN HYDROLYSATES FROM PLUM OIL CAKE

52. Vinka Čepo, Tihana Sudarić
REGIONALNA PREPOZNATLJIVOST AUTOHTONIH POLJOPRIVREDNO-PREHRAMBENIH PROIZVODA SLAVONIJE I BARANJE
REGIONAL RECOGNIZABILITY OF AUTOCHTHONUS AGRICULTURAL AND FOOD PRODUCTS OF SLAVONIA AND BARANJA

53. Josip Kundid, Bojana Ljuboja, Antonela Špehar, Filip Klekar, Kristina Gvozdanović
NITRATNA DIREKTIVA I UTJECAJ NITRATA NA OKOLIŠ
NITRATES DIRECTIVE AND THE INFLUENCE OF NITRATES ON THE ENVIRONMENT

54. Josipa Mikulić, Borjan Ranilović, Ivanka Boras, Monika Zovko



PRIMJENA INFRACRVENE TERMOGRAFIJE U DETEKCIJI VODNOG STRESA BILJAKA
APPLICATION OF INFRARED THERMOGRAPHY FOR DETECTION OF PLANT WATER STRESS

55. Gabriela Pravdić, Zdenko Lončarić
EVALUATION OF VERMICOMPOSTED WASTE FROM GREEN PUBLIC AREA

56. Dora Prpić, Maja Gregić, Zdenko Lončarić
EVALUATION OF SOIL SUITABILITY FOR ORGANIC AGRICULTURE

57. Tea Sedlar, Jelena Čakarević, Ljiljana Popović
VEGETABLE BY-PRODUCTS AS NEW AND CHEAP SOURCES OF FUNCTIONAL PROTEIN ISOLATES

58. Domagoj Silov, Leonarda Dorić, Maja Ergović Ravančić, Marija Nujić, Mirna Habuda-Stanić
UKLANJANJE ORGANSKIH TVARI IZ VODE PRIMJENOM AKTIVNIH UGLJENA NA BAZI LJUSKI LJEŠNJAKA I ORAHA
REMOVAL OF NATURAL ORGANIC MATTER (NOM) FROM WATER ONTO NUTSHELL-BASED ACTIVATED CARBONS

59. Antonela Špehar, Filip Klekar, Bojana Ljuboja, Josip Kundid, Tajana Petrić, Kristina Gvozdanović
UZGOJ CRNE SLAVONSKE SVINJE
BREEDING OF THE BLACK SLAVONIAN PIG

60. Martina Zorić, Mitar Simić, Emina Mladenović
HOUSEPLANTS IMPACT ON AIR QUALITY AND OVERALL WELL-BEING

DRUŠTVENE ZNANOSTI

61. Adriana Bogdan, Nikolina Staničić, Anđelka Peko
ZAŠTO ME NEKRETANJE RADUJE?
WHY INACTIVITY MAKES ME HAPPY?

62. Sandra Mrvica Mađarac, Mateja Glavota
UTJECAJ KONCEPTA PAMETNIH GRADOVA NA GOSPODARSTVO – PRIMJER GRADA ŠIBENIKA
THE INFLUENCE OF THE CONCEPT OF SMART CITIES ON ECONOMY - CASE STUDY CITY OF ŠIBENIK

63. Dubravka Užar, Aleksandar Miljatović, Veljko Vukoje
USPOREDNA ANALIZA PROIZVODNJE SUNCOKRETA, SOJE I ŠEĆERNE REPE NA TERITORIJI AUTONOMNE POKRAJINE VOJVODINE
ECONOMIC EFFECTS OF INDUSTRIAL PLANTS PRODUCTION IN VOJVODINA



HUMANISTIČKE ZNANOSTI

64. Krešimir Vidačić, Ivica Kelam

KAKAV UTJECAJ IMAJU GENETIČKI MODIFICIRANI USJEVI NA OKOLIŠ?

WHAT IS THE IMPACT OF GENETICALLY MODIFIED CROPS ON THE ENVIRONMENT?

65. Matija Bajt, Suzana Vuletić

POTREBNI SMO ZEMLJI KOLIKO I ONA NAMA

EARTH NEEDS US AS MUCH AS WE NEED HER

INTERDISCIPLINARNO

66. Srđan Babac, Damir Belić

PERMACULTURE ZONE PLANNING BY THE TRIANGULAR METHOD

67. Terezija Berlančić, Alma Drenjančević, Maja Miškulin, THE Ivan Miškulin

THE ATTITUDES AND MOTIVATION OF STUDENTS OF UNIVERSITY OF OSIJEK CONCERNING FOODSELECTION AND EATING HABITS

68. Clara Coslovich, Dolores Golik, Ivan Petrović, Rajna Jovanovski, Petra Burić, Gioconda Millotti

OD OTPADNOG MATERIJALA DO PRAKTIČNE PRIMJENE: SLUČAJ KITOZANA

FROM WASTE MATERIAL TO PRACTICAL APPLICATION: THE CASE OF CHITOSAN

69. Oktavija Flanjak, Nikolina Milanović, Ljubica Nedić

ZELENA KOMUNIKACIJA - KOMUNICIRAMO STAZAMA PRIRODE

GREEN COMMUNICATION - WE COMMUNICATE VIA THE PATHS OF NATURE

70. Magdalena Miceva, Aleksandar Shopov, Marija Magdincheva-Shopova

GREEN JOBS - POTENTIALS AND OPPORTUNITIES IN THE SOUTH-EAST REGION OF THE REPUBLIC OF MACEDONIA

71. Jelena Stošić, Milica G. Radaković, Dajana Bjelajac

ACHIEVING SUSTAINABLE DEVELOPMENT IN SPECIAL NATURE RESERVE KOVILJ-PETROVARADIN WETLAND