Scientific and Professional Society for Environmental Protection of Serbia – ECOLOGICA; ALFA BK University, Belgrade; Union of Engineers and Technicians of Serbia; Institute for Multidisciplinary Research, Belgrade; Institute of General and Physical Chemistry, Belgrade; Bulgarian National Union of Scientists - Ruse, Bulgaria; University of Ruse “Angel Kanchev”, Bulgaria; Bulgarian National Society of Agricultural Engineers; Balkan Environmental Association (B.EN.A.)

**Under the patronage of**

**Ministry of Education, Science and Technological Development and**

**Ministry of Environmental Protection of the Republic of Serbia**

**INTERNATIONAL SCIENTIFIC CONFERENCE**

**SUSTAINABLE DEVELOPMENT AND GREEN ECONOMY**

**PROGRAM**

**MEĐUNARODNA NAUČNA KONFERENCIJA**

**ODRŽIVI RAZVOJ I ZELENA EKONOMIJA**

**PROGRAM**

**Belgrade, 19-21 April 2022**

**PROGRAM**

**WELCOME SPEECHES / POZDRAVNI GOVORI:**

**Rektor ALFA BK Univerziteta Prof. Dr Vladimir Džamić**

**Predsednik IAS Emeritus Prof. Dr Ilija Ćosić**

**Generalni sekretar SITS mr Bogdan Vlahović**

**Predsednik Društva “Ecologica” Emeritus Prof. Dr Larisa Jovanović**

**PLENARY LECTURES / PLENARNA PREDAVANJA 10:40**

**Moderatori: Prof. Dr Larisa Jovanović, Prof. Dr Antoaneta Vassileva, Prof. Dr Marijana Joksimović**

Marijana Joksimović

**The impact of green bonds on the development of the global and national market**

Antoaneta Vassileva

**The role of the green bonds in public-private partnerships as a sustainable investment opportunity**

Vadim Ermakov, Sergey Tyutikov, Valentina Danilova, Alexander Degtyarev, Ul’yana Gulyaeva

 **Development of the methodology of biogeochemical indication**

Villiam Sarian, Artak Mkrtchyan

**The experience of using the object (lake Sevan in RA) as highly sensitive IoT sensor in a hybrid wide area network earthquake monitoring**

Marina Kapitalchuk, Ivan Kapitalchuk

**The perspective of use of sediments for recovery of eroded soils in Moldova**

Vladimir Baranchukov, Elena Korobova, Sergey Romanov, Alexander Silenok, Irina Kurnosova

**Cartographic assessment of the contribution of the natural iodine supply and technogenic pollution to the occurrence of thyroid cancer among the rural population of the Bryansk region**

Vyacheslav Zaitsev, Tatiana Ershova, Wladimir Chaplygin

**Migration of chemical elements in the food chains of hydrobionts of the Caspian Sea**

Nadezhda Kozlova, Villiam Sarian

**Unused resources of the “green” economy**

Margarita Samburova, Vladimir Safonov

**Content of mineral elements in the soil and tissues of small mammals that inhabit the tailing dump of the Novotroitsk deposit**

Martina Bavec, Martina Robačer, Marion Champailler, Franc Bavec

**Importance of registration and certification of organic seed materials**

Jelena Urošević, Goran Trivan

**Determining the caloric potential of wooden plant species with the goal to protect and improve the environment**

Vesna Nikolić Jokanović, Dušan Jokanović

**The influence of forest ecosystems on water runoff and retention**

Sergey Tyutikov

**Chemical composition of Karelian shungite and possibility of its use in biotechnology**

Mario Lukinović, Larisa Jovanović

**Green economy and circular economy: competitiveness tool in times of energy security challenges**

Olja Munitlak Ivanović, Marko Vujić

**Linear versus circular economy**

V.Y. Berezkin, E.M. Korobova, N.A. Alaverdyan, V.S. Baranchukov, S.L. Romanov

**Iodine in soils and vegetation of pastures in the eastern part of the Bryansk region as a risk factor causing Iodine deficiency in the local diets**

Bojan Stoiljković, Marijana Joksimović, Larisa Jovanović

**Descriptive statistical analysis of business profitability enterprises under the influence of the circular economy model in the Republic of Serbia**

Milan Brkljač, Bobana Berjan Bačvarević, Vladimir Džamić

**Digitalization, innovations and corporate social responsibility**

**COCKTAIL BREAK / KOKTEL PAUZA 14:00**

**SECTION 1 – NEW ASPECTS IN THE DEVELOPMENT OF THE GREEN ECONOMY**

**SEKCIJA 1 –** **NOVI ASPEKTI U RAZVOJU ZELENE E****KONOMIJE 14:30**

**Moderatori: Prof. Dr Dejan Riznić, Prof. Dr Ana Dukić**

Bekmamat Djenbaev, Bakyt Kaldybaev

**Green economy: a new vector for sustainable development in Kyrgyzstan**

Tatjana Davidov, Saša Virijević Jovanović, Ilija Subotić, Maja Vojinović, Jelena Zdravković

**Information and communication technologies and e-marketing on the big data database in the function of sustainable development strategy**

Darko Radosavljević, Milica Stojković, Sonja Josipović, Ana Slavković, Maja Đolić, Ana Popović

**A holistic approach in establishing a model of a sustainable economy: national and the european perspective**

Milan Beslać, Dragan Janjušić, Vladan Cogoljević, Milomir Gačević

**Consequences of the pandemic caused by the SARS-COV-2 virus on the real sector and economic growth: the case of Serbia**

Tatjana Brankov

**Covid-19: economic and environmental challenges**

Miloš M. Zečević, Marijana Joksimović, Suzana Balaban

**The economic importance of digital business transformation**

Mina Seović, Dubravka Milovanović, Gvozden Tasić, Nikola Zdolšek, Stefan Mitrović, Snežana Brković, Ivana Perović

**On the green path of innovation: from fundamental to management**

Boban Dašić, Lidija Madžar, David Dašić

**Digitаlization in the function of the green economy**

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**BEZ PREZENTACIJA**

Dejan Riznić, Adrijana Jevtić, Aleksandra Vuković

**Management aspects of green economy and green growth**

Miloš Tošović

**Preliminary consideration of the general importance of environmental security for the functioning of the green economy**

Darko Radosavljević, Milica Stojaković, Sonja Josipović, Ana Slavković, Ana Popović, Maja Đolić

**Social, economic and ecological aspects of the transition of linear to circular economy (the example of food waste)**

Danijela M. Jašin, Ljubica Lazić Vulićević, Milana Drašković

**Innovative composite plastic recycling technology**

Azemina Mashovic, Jelena Ignjatovic, Jovana Kisin

**Circular economy as an imperative of sustainable development in North Macedonia and Serbia**

Ljiljana Arsić, Ivana Vučinić

**Renewable energy sources: potentials and trends in the countries of the European Union and the Western Balkans**

Nikola Bošković, Danijela Despotović, Lela Ristić

**The contribution of renewable energy sources to the development of a green economy in the Republic of Serbia**

Aida Hanić, Petar Mitić, Milena Kojić

**The role of electric and hybrid cars in the decarbonization process: a focus on the Western Balkans**

Darko Nadić, Zoran Čupić

**Political science approach to the study of the role of “green economy” in contemporary environmental policy. Analysis of performance in Serbia and the European Union**

Ivana Petkovski

**Discussing demographic and economic implications of electricity use in european countries with diverse climatic zone**

Ljubica Kovačević, Branko Slavković

**Consumer attitudes towards energy efficient behavior and renewable energy sources**

Andrija Blanuša, Slobodan Petrović

**Peace, justice and strong institutions as one of the sustainable development goals: aspects and practice In the Republic of Serbia**

Goran Dašić, Ana Anufrijev

**Green economy through the prism of digital transformation**

Ana Dukić, Dejan Riznić, Milan Ilić

**Digitalization in the management of the supply chain of the technical support of the Serbian army river flotilla**

Leposava Jovanović, Biljana Ilić, Mladen Jovanović

**Eradicating poverty as a strategic priority for the Republic of Serbia**

**20 April 10:00**

**SECTION 2 – ENVIRONMENTAL MONITORING**

**SEKCIJA 2 – MONITORING ŽIVOTNE SREDINE**

**Moderatori: Prof. Dr Ana A. Čučulović, Prof. Dr Maja Đolić**

X. Cai, G.G. Matishov, S.A. Ostroumov

**Urgent issues of water resources improvement: research at China and Moscow University**

S.A. Ostroumov, E.A. Kriksunov, X. Cai

**Use of innovative theory of water self-purification: toward low-carbon green economy**

Ana A. Čučulović, Jelena N. Stanojković, Rodoljub D. Čučulović, Saša M. Nestorović, Nenad Z. Radaković

**Mass concentration of potassium, thorium and uranium in the soil of the region Dobra (NP Đerdap) in period 2018-2020**

Natallia Sycheuskaya, Natallia Bashun, Evgeny Olizarovich, Pavial Kalinin

**Mobile application development for phenylketonuria and celiac patients**

Natalia Kuramshina, Elena Salnikova, Nikolay Kutlin, Alevtina Matveeva

**Associations of heavy metals in the development of environmentally dependent diseases of the population of Bashkortostan**

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**BEZ PREZENTACIJA**

N.Z. Bashun, N.V. Sychevskaya

**Modern methods of non-invasive assessment of the state of provision of particular nutrients**

Ivan Kapitalchuk, Marina Kapitalchuk

**Features of the content of trace elements in spoils and soil-forming rocks of Moldova**

Mirjana Ćujić, Maja Đolić, Dragana Živojinović, Mirjana Ristić, Aleksandra Perić Grujić

**Stable lead isotope compositions in coal, coal ash and coal fly ash from Serbia**

Lidija Stamenković, Stefana Todorović, Gordana Bogdanović, Jelena Marković, Tijana Milanović

**Prediction of air quality parameters on the territory of the city of Vranje using VNM and economic and industrial indicators**

Marina Dabetić, Živanka Miladinović Bogavac

**Application of theory of planned behavior in the test of citizens' preparedness for natural disasters caused by earthquakes**

Marina Dabetić

**Prevention and response in the case of CBRN incidents**

Anastasia Moldovan, Victor Kharchenko, Nadezhda Golubkina

**Effect of foliar biofortification of selenium on the element composition of mitsuba and chervil**

A.V. Sindireva, O.A. Zayko

**Assessment of the effect of lead on the chemical composition of soil, plants and metabolic changes in animal organs**

**SECTION 3 –** **AGRICULTURE AND FORESTRY**

**SEKCIJA 3 – POLJOPRIVREDA I ŠUMARSTVO**

**Moderatori: Prof. Dr Ivan Pavlović, Prof. Dr Aleksandra Tasić**

Aleksandra Tasić, Ivan Pavlović, Marija Pavlović

**Importance and development of method for pesticide control in milk from organic production**

Ivan Pavlović, Nemanja Zdravković, Marija Pavlović, Aleksandra Tasić, Violeta Caro-Petrović, Milan P.Petrović, Dragana Ružić-Muslić, Renata Relić, Jovan Bojkovski

**Influence of organic production on outbreak and spread of infectious and parasitic diseases and environmental contamination**

Martina Bavec, Martina Robačer, Marion Champailler, Franc Bavec

**High level of gastronomy based on organic agriculture: why and how?**

Milica Pavlica, Sreten Jelić

**Sales of food from small producers in the period Covid-19**

Anton Zhumbei, Olga Bezuglova, Yurii Litvinov, Mahmoud Mazarji

**The GIS analysis of the vegetation cover in the Tsymlyanskiy state reserve**

Vladimir Vasić, Gordana Jančić, Bratislav Kisin

**Forestry and use of renewable energy sources on the example of SE “Srbijašume”**

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**BEZ PREZENTACIJA**

Olivera Jovanović, Nikola Čitlučanin

**Bioremediation of soil**

Miljan Marković, Milan Gorgievski, Nada Štrbac, Kristina Božinović, Vesna Grekulović, Aleksandra Mitovski, Milica Zdravković

**Adsorption kinetics for copper ions biosorption onto wallnut shells**

**SECTION 4 – LEGAL AND FINANCIAL ASPECTS OF THE GREEN ECONOMY**

**SEKCIJA 4 – PRAVNO-FINANSIJSKI ASPEKTI ZELENE EKONOMIJE**

**Moderatori: Prof. Dr Drinka Peković, Prof. Dr Jozefina Beke-Trivunac**

Drinka Peković

**Macroeconomic effects of environmental taxes in European Union**

Bojan Savić

**The environmental accounting as a factor in supporting the development of the green economy**

Jelena Krpić

**Disclosure of climate risk information in companies’ reports**

Vladimir Pavićević

**Impact of blockchain technology on the realization of the sustainable development goals**

Slavica Stevanović, Jelena Minović, Grozdana Marinković

**Eco-efficiency of medium-sized enterprises in Serbia based on the sulfur oxides emission**

Nemanja Radovanović, Nikola Živić

**Sustainable development and Covid-19: state measures and funding problems**

Ivana Luknar, Ilija Životić

**Green economy framework**

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**BEZ PREZENTACIJA**

Jozefina Beke-Trivunac

**Climate and environmental risks disclosures in banking**

Ana Anufrijev

**Green finance and accounting approach support in the function of sustainable economic development**

Vesna Aleksić

**Influence of fiscal policy on the possibility of developing a green economy in Serbia**

Branko Slavković, Budimir Sudimac, Ljubica Kovačević

**Brownfield investments in Serbia with the aim of reducing CO2 emissions and preserving the environment: a case study**

Kristijan Ristić

**Global and regional regulatory frameworks of digital and green banking**

Dejana Zlatanović, Violeta Domanović, Marko Slavković

**Impact of ecological aspects of corporate social responsibility on organizational performance**

Miloš Petković

**US biggest banks disclosure of information on green intellectual capital during the Covid-19 pandemic**

Milovan Vuković, Njegoš Dragović, Nada Štrbac, Danijela Voza, Snežana Urošević

**Willingness of citizens to implement measures dealing with energy efficiency**

Aleksandra Radić, Danijela Voza, Milovan Vuković, Nada Štrbac

**Evaluation of the environmental sustainability of the Balkan countries by analysing the environmental performance index**

Krsto Jakšić, Adrijana Vuković, Lazar Cvijić

**Enterpеneural aspects of the concept “polluter pays”**

Biljana Pejović, Slobodan Petrović

**Financing sustainable development under the legislation of the Republic of Serbia: deficiencies and proposals for improvement**

Slobodan Petrović, Zorančo Vasilkov, Aleksandar Damnjanović

**The position of sustainable development in the national legislation of the Republic of Serbia**

Stanimir Đukić

 **Economic instruments, management and environment protection financing**

**SECTION 5 – ECOTOURISM AND SPORT**

**SEKCIJA 5 – EKOTURIZAM I SPORT**

**Moderatori: Prof. Dr Violeta Šiljak**

Violeta Šiljak, Sandra Đurović, Dragana Aleksić, Tatjana Popović Ilić

**The influence of economy on the future of sport**

Biljana Ilić, Slavica Anđelić, Miloš Nikolić

**Ecotourism and the importance of human resources**

Aleksandra Bradić-Martinović, Larisa Kostić, Jelena Banović

**Digital skills in the function of sustainable tourism in Serbia**

Dejana Prnjat

**Eco-cultural tourism as the factor in the sustainable development of natural and cultural heritage**

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**BEZ PREZENTACIJA**

Anđelka Tripković, Ljiljana Arsić, Jelena Premović

**Ecoturism as a development chance of rural areas in Kosovo and Metohija**

Dragan Milošević, Željko Praštalo, Svetlana Polavder, Jasmina Nešković

**Potential requirements for ecotourism in industrial area of Kostolac**

**COCKTAIL / koktel**