



**ИНСТИТУТ ЗА ПРИМЕНУ
НУКЛЕАРНЕ ЕНЕРГИЈЕ**

**2. Scientific Conference
2. Naučna konferencija**

**ENVIRONMENTAL PROTECTION AND
SUSTAINABLE DEVELOPMENT**

**ZAŠTITA ŽIVOTNE SREDINE I
ODRŽIVI RAZVOJ**

**International meeting
Međunarodni skup**

**October, 3 - 5. 2024.
3 - 5. oktobar, 2024.**

**SECOND ANNOUNCEMENT
DRUGO OBAVEŠTENJE**

WELCOME LETTER

Dear colleagues,

It is with great pleasure that we inform you that the 2nd International Conference "Environmental Protection and Sustainable Development" will be held in Belgrade from October 3 to 5, 2024 under the slogan "Republic of Serbia - the country of preserved nature".

This international conference is designed as an event that will enable researchers from various fields, including ecologists (biologists, agronomists, forestry engineers), then geoscientists (geographers, geologists, reclamationists), architects, urban planners, technologists, economists, lawyers, medical doctors (toxicologists and ecotoxicologists), scientists from the field of culture, and related disciplines, to present the results of their research.

The goal of the conference is the exchange of information on various topics from these sciences through a three-day forum and scientific discussion. Our team strives to establish new connections between researchers from the region and beyond, in order to maintain connectivity and exchange experiences.

We will try to make the scientific program interesting and current, in order to interest a large number of researchers from the mentioned fields.

Also, as part of the Conference, we planned a special session for young researchers from the region to present their student works, participate in discussions and establish cooperation.

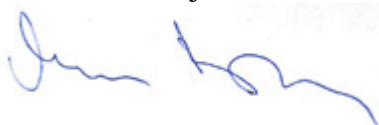
It is our wish that, within the framework of the upcoming Conference, we will look together into the future of environmental protection and the use of natural resources, both in the Republic of Serbia and in other countries, in order to better prepare for the challenges ahead.

We will also take care of a rich social program in order to enable as much communication, exchange of opinions and getting to know the participants as possible.

The official language of the conference is English, but papers will also be presented in Serbian. All received abstracts will be reviewed and included in the Collection of Abstracts

We believe that by participating in the work of the Conference, you will ensure that it meets the highest level of scientific standards and that it takes place in a pleasant and warm atmosphere, which is why we are looking forward to your arrival in Belgrade.

President
of Organizing Committee
Prof. dr Mirjana Bartula



President
of Scientific Committee
Prof. dr Vitomir Čupić



ORGANIZERS AND COMMITTEES

ORGANIZERS OF THE CONFERENCE

Institute for the Application of Nuclear Energy, INEP, Zemun and Faculty of Applied Ecology „Futura“ Belgrade in cooperation with

- Institute for Public Health, Belgrade
- Military Geographical Institute, Belgrade
- Superlab, Belgrade
- Center for Eco-Toxicological Research Podgorica d.o.o., CETI, Republic of Montenegro
- Faculty of Law, Josip Juraj Strossmayer University in Osijek, Republic of Croatia
- Biotechnical Faculty, University of Bihać, Republic of Bosnia and Herzegovina

COMMITTEES

Organizing Committee

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Mirjana Bartula

Vice president
Gordana Andrejić

Secretary
Ivana Šekler

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Scientific Committee

President
Vitomir Čupić

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Saša Vasilev

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PROGRAMME

THURSDAY/ČETVRTAK, October 3, 2024

9.00 – 10.00	Registration of participants/Registracija učesnika
10.00 – 12.00	Opening Ceremony, Plenary lecture, Welcome reception/Svečano otvaranje Konferencije, Plenarno predavanje, Koktel dobrodošlice
10.00 – 10.30	Opening Ceremony/Svečano otvaranje Welcome address/Pozdravna reč <ul style="list-style-type: none">• Dean of the Faculty of Applied Ecology Futura /Dekan fakulteta za primenjenu ekologiju Futura <i>Prof. dr Vladica Ristić</i>• The Manager of the Institute for the Application of Nuclear Energy/Direktorka Instituta za primenu nuklearne energije – INEP <i>Dr Marija Gnjatović</i>• Representative of the Minister for Environmental Protection/Izaslanica Ministrice za zaštitu životne sredine, drž. sekretar <i>Sara Pavkov</i>
10.30 – 11.00	Plenary lecture/Plenarno predavanje The impact of submicron sized plastics on human health – new tools to decipher the molecular mechanisms/ <i>Uticaj plastike submikronske veličine na ljudsko zdravlje – novi alati za dešifrovanje molekularnih mehanizama</i> Miodrag Stojković
11.00 – 12.00	Welcome reception/Koktel dobrodošlice

Sections

- **Environmental protection and soil, water and air pollutants**
- **Impact of pesticides and drugs on the environment**
- **Economic, technical, technological and legal aspects of environmental protection (EU standards)**
- **Educational, health and cultural aspects of environmental protection**

- 12.00 – 14.25 ENVIRONMENTAL PROTECTION AND SOIL, WATER AND AIR POLLUTANTS/ SESSION I**
Moderators/Moderatori
Andrej Šoštarić, Anka Cvetković, Bojana Knežević
- 12.00 – 12.15 **Nuclear accidents – past, present and maybe the future/Nuklearni akcidenti – prošlost, sadašnjost, a možda i budućnost**
Ana A. Čučulović, Jelena N. Stanojković, Rodoljub D. Čučulović
- 12.15 – 12.30 **Understanding air quality: The PM2.5 /PM10 levels in Belgrade, Serbia/Razumevanje kvaliteta vazduha: PM2,5 /PM10 nivoi u Beogradu, Srbija**
A. Cvetković, A. Šoštarić, K. Radusin
- 12.30 – 12.45 **Air Quality monitoring in Belgrade-an overview//Monitoring kvaliteta vazduha u Beogradu - Pregled**
Andrej Šoštarić, Anka Cvetković, K. Radusin
- 12.45 – 13.00 **Did wildfire on Stara Planina Mt. have an effect on the chemical status of rivers a year after?/Da li je požar na Staroj planini uticao na hemijski status reka godinu dana kasnije?**
Aleksandra Mihajlidi-Zelić, Sanja Sakan, Igor Kodranov, Ljubiša Ignjatović, Dragana Đorđević
- 13.00 – 13.15 **Analysis of Pollutants in the Tara and Čehotina Rivers – compliance with Environmental Quality Standards/Analiza zagađujućih supstanci u rijekama Tari i Čehotini – usklađenost sa standardima kvaliteta životne sredine**
Anja Babić, Bojana Knežević
- 13.15 – 13.30 **Environmental impact of farm animals - current state and legislation in Macedonia/Uticaoj domaćih životinja na životnu sredinu - aktuelno stanje i zakonodavstvo u Makedoniji**
Miroslav Čosevski, Ena Dobrić, Romel Veleu
- 13.30 – 13.45 **Recognizability Importance of Decarbonization of the construction sector through the aspect of climate change/Prepoznatljivost značaja dekarbonizacije građevinskog sektora kroz aspekt klimatskih promena**
Ivana Šekler, Mirjana Bartula, Tanja Cupać, Vladimir Janković
- 13.45 – 14.00 **Utilization of grasses in phytoremediation of flotation tailings/Primenatrava u fitoremedijaciji odlagališta flotacione jalovine**
Gordana Andrejić, Nikola Milanović, Snežana Brajević, Uroš Aleksić, Aleksandar Simić, Željko Dželetović, Tamara Rakić
- 14.00 – 14.15 **Removal of cadmium ions from mine acid waters using limestone material/Uklanjanje jona kadmijuma iz rudničkih kiselih voda primenom krečnjačkog materijala**
Bojana Knežević, Vlatko Kastratović
- 14.15 – 14.25 **Discussion/Diskusija**
- 14.25 – 15.30 **Lunch/Pauza za ručak**

15.30 – 16.55 IMPACT OF PESTICIDES AND DRUGS ON THE ENVIRONMENT/SESSION II

Moderators/Moderatori

Silva Dobrić, Vitomir Čupić, Silvestra Kobal

15.30 – 15.45 **Old pesticides, new effects - an example of anticoagulant rodenticides/Stari pesticidi, novi efekti – primer antikoagulantnih rodenticida**

M. Kataranovski, I. Mirkov, A. Popov Aleksandrov, D. Kataranovski

15.45 – 16.00 **Ecotoxicological properties of the disinfectants, insecticides and rodenticides and their role in emergency situations/Ekotoksikološke osobine sredstava za dezinfekciju, dezinsekciju i deratizaciju i njihov značaj u vanrednim situacijama**

Silvestra Kobal, Martin Dobeic

16.00 – 16.15 **The impact of disinfectants, which are used to disinfect animals and maintain hygiene on farms, on the environment/ Uticaj Dezinficijensa, koji se koriste za dezinfekciju životinja i održavanje higijene na farmama na životnu sredinu**

Romel Velev, Miroslav Čosevski, Ena Dobrić, Dejana Čupić Miladinović

16.15 – 16.30 **Impact of insecticides on the environment and environmentally acceptable remediation measures/ Uticaj insekticida na životnu sredinu i ekološki prihvatljive mere remedijacije**

Vitomir Čupić, Mirjana Bartula, Svetozar Krstić, Silva Dobrić, Saša Vasilev

16.30 – 16.45 **Ecopharmacovigilance - the way to protect the environment from the harmful effects of drugs/ Ekofarmakovigilanca – put ka očuvanju životne sredine od štetnih uticaja lekova**

Silva Dobrić, Vitomir Čupić

16.45 – 16.55 **Discussion/ Diskusija**

16.55 – 20.00 **Free time/Slobodno vreme**

20.00-23.30 **GALA DINNER/SVEČANA VEČERA**

FRIDAY/PETAK, 4. 10. 2024

9.30 – 11.40 ECONOMIC, TECHNICAL, TECHNOLOGICAL AND LEGAL ASPECTS OF ENVIRONMENTAL PROTECTION (EU STANDARDS)/SESSION III

Moderators/Moderatori

Svetozar Krstić, Velibor Spalević, Biljana Činčurak Erceg

9.30 – 9.45 **The European legal framework for sustainable waste management/Evropski pravni okvir za održivo upravljanje otpadom**

Biljana Činčurak Erceg

9.45 – 10.00 **Fiscal environmental protection policy and environmental taxes/ Fiskalna politika zaštite okoliša i ekološki porezi**

Renata Perić, Emina Jerković

- 10.00 – 10.15 **Achieving Resilience: Sustainable Watershed Management in Montenegro's Danube River Basins/ *Postizanje otpornosti: Održivo upravljanje slivovima Dunavskog basena Crne Gore***
Velibor Spalević
- 10.15 – 10.30 **Green transport agenda - Myth or achievable goal/*Zelena prometna agenda – mit ili ostvariv cilj***
Aleksandra Vasilj
- 10.30 – 10.45 **Navigating AI and Environmental Protection regulation: Challenges in the European Union/ *Upravljanje AI i regulativa o zaštiti životne sredine: Izazovi u Evropskoj uniji***
Dunja Duić
- 10.45 – 11.00 **Ecotourism as a function of sustainability/*Ekoturizam u funkciji održivosti***
Svetozar Krstić, Vitomir Ćupić, Vladimir Krstić
- 11.00 – 11.15 **Green franchising – connecting sustainability and Franchising/*Zeleni franšizing – povezivanje održivosti i franšizinga***
Aleksandar Erceg, Rita-Krin Boduljak, Ljiljana Kukec
- 11.15 – 11.30 **Erosion Potential Method Application for Soil Loss Estimation in Alfenas, Minas Gerais, Brazil/ *Primena metoda potencijal erozije na procenu gubitaka zemljišta u Alfenasu, Minas Žerais, Brazil***
Bruno Aurélio Silva, Guilherme da Silva Rios, Derielsen Brandão Santana, Joaquim Ernesto Bernardes Ayer, Velibor Spalevic, Ronaldo Luiz Mincato
- 11.30 – 11.40 **Discussion/*Diskusija***
- 11.40 – 12.00 **Coffee break/*Pauza za kafu***
- 12.00 – 14.15 EDUCATIONAL, HEALTH AND CULTURAL ASPECTS OF ENVIRONMENTAL PROTECTION/SESSION IV**
Moderators/Moderatori
Saša Vasilev, Biljana Prođović Milojković, Nada Kosanović
- 12.00 – 12.20 **Stem cells: to treat and understand diseases/*Matične ćelije: za lečenje i razumevanje bolesti***
Miodrag Stojković
- 12.20 – 12.35 **Toxic effects of chemical substances - mechanisms and clinical manifestations/*Toksično delovanje hemijskih supstancija - mehanizmi i kliničke manifestacije***
Vitomir Ćupić, Silva Dobrić, Mirjana Bartula, Svetozar Krstić, Saša Vasilev
- 12.35 – 12.50 **Pig production and *Trichinella*, environment and sustainability/ *Uzgoj svinja i uticaj trihinela na životnu sredinu***
Saša Vasilev, Branko Suvajdžić, Ivana Mitić, Vitomir Ćupić, Dragan Vasilev

- 12.50 – 13.05 **„Green recovery"from Covid-19“ - a new vision of the impact of climate change on the emergence of pandemics /Zeleni oporavak od Covid-19 – Nova vizija uticaja klimatskih promena na pojavu pandemija -**
Biljana Prođović Milojković, Tanja Prođović, Šćepan Sinanović
- 13.05 – 13.20 **Rural tourism as a factor of the competitiveness of the Srem district/ Ruralni turizam kao faktor konkurentnosti sremskog okruga**
Nada Kosanović, Goran Knežević
- 13.20 – 13.35 **The index of boniness in different types of donkeys/Indeks koščatosti kod različitih tipova magaraca**
Milivoje Urošević, Milena Đorđević, Dejana Čupić Miladinović, Yusuf Ograk, Nikola Cukić
- 13.35 – 13.50 **Necessary amounts of water for successful free-ranging donkey farming/ Potrebne količine vode za uspešan slobodan uzgoj magaraca**
Milivoje Urošević, Danka Štastna, Pavel Štastny, Tsegmid Namsrajjav
- 13.50 – 14.05 **Touch with nature's intelligence/Dodir sa inteligencijom prirode**
Ivan Jušković
- 14.05 – 14.15 **Discussion/Diskusija**
- 14.15 – 15.15 **Lunch/Pauza za ručak**
- 16.00 – 17.00 **Visit to the Botanical Garden/Poseta Botaničkoj Bašti**

SATURDAY/SUBOTA, 5. 10. 2024

- 10.00 – 12.00 **Visit to the Special Nature Reserve Zasavica/ Poseta Specijalnom rezervatu prirode Zasavica**
- 12.00 – 12.30 **Conclusions and closing of the Conference/Zaključci i zatvaranje Konferencije**

PLACE MAINTENANCE OF CONFERENCE

Faculty of Applied Ecology „Futura“ Belgrade – Amphitheatre,
Street: Gospodara Despota Stefana, 57 and Institute for Public Health, Belgrade

REGISTRATION FEE

Regular registration fee: 6.000,00 rsd (50 €)

Registration fee for undergraduate and doctoral students: 1.000,00 rsd (10 €)

Registration fee includes: official badge, congress material, access to all sessions, social program and Gala dinner.

ACCOMMODATION

Lecturers from other countries will be accommodated in the Nevsky Hotel, Venizelisova Street 24a. Hotel is very close to the Futura Faculty.

ADDITIONAL INFORMATION

We ask the authors to prepare their presentations in English, while the presentation can be in English or in their mother tongue.

Also, we ask the authors to respect the time set for the lecture as much as possible.

CONFERENCE SECRETARIAT
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