



UDRUŽENJE ZA TEHNOLOGIJU VODE I SANITARNO INŽENJERSTVO
ASSOCIATION FOR WATER TECHNOLOGY AND SANITARY ENGINEERING

UDRUŽENJE VODOVODA I KANALIZACIJE SRBIJE
WATERWORKS AND SEWERAGE ASSOCIATION OF SERBIA

u saradnji sa
in cooperation with

PRIVREDNOM KOMOROM SRBIJE
CHAMBER OF COMMERCE AND INDUSTRY OF SERBIA

i

GRADOM VRNJAČKA BANJA
CITY OF VRNJAČKA BANJA

organizuju / organize

KONFERENCIJU / CONFERENCE

52.

KONFERENCIJA OTPADNE VODE, KOMUNALNI ČVRSTI OTPAD I OPASAN OTPAD

WASTE WATERS, MUNICIPAL SOLID WASTES AND HAZARDOUS WASTES



4 - 6. April 2023. godine VRNJAČKA BANJA - Hotel Solaris Resort
4th - 6th April 2023, VRNJAČKA BANJA - Hotel Solaris Resort



**POD POKROVITELJSTVOM
UNDER THE PATRONAGE OF**

**MINISTARSTVO NAUKE, TEHNOLOŠKOG RAZVOJA I
INOVACIJA REPUBLIKE SRBIJE**
***MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGICAL
DEVELOPMENT REPUBLIC OF SERBIA***

**MINISTARSTVO ZAŠTITE ŽIVOTNE SREDINE
REPUBLIKE SRBIJE**
***MINISTRY OF ENVIRONMENTAL PROTECTION
REPUBLIC OF SERBIA***

**MINISTARSTVO POLJOPRIVREDE, ŠUMARSTVA I
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***MINISTRY OF AGRICULTURE, FORESTRY AND WATER
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CILJEVI KONFERENCIJE

Udruženje za tehnologiju vode i sanitarno inženjerstvo 2023. godine organizuje u Vrnjačkoj Banji 52. Konferenciju iz oblasti komunalnih i industrijskih otpadnih voda, komunalnog čvrstog otpada i opasnog otpada.

Konferencija je namenjena okupljanju i povezivanju operatera, projektanata i konsultanata sa jedne strane i sa naučnim istraživačima, proizvođačima i distributerima opreme, sa druge strane. Stručni skup će omogućiti razmenu novih ideja, mišljenja i praktičnih iskustava.

Imajući u vidu nove nacionalne programe upravljanja otpadnim vodama i muljem, programe aktivnosti upravljanja otpadom koje se sprovode na lokalnom i regionalnom nivou u Republici Srbiji, tehnološke opcije i dostignuća, koja pronalaze mesto na tržištu, kao i nacionalne programe podrške razvoju nauke u oblastima kojima je konferencija posvećena, pozivate se da uzmete učešće u njenom radu i doprinesete još jednom koraku napred u postizanju održivog razvoja društva u celini.

CONFERENCE TARGETS

In 2023, the Association for Water Technology and Sanitary Engineering is organizing a 52nd conference in the field of municipal and industrial wastewater, municipal solid waste and hazardous waste in the city of Vrnjačka Banja.

The conference is intended to gather and connect operators, designers and consultants on the one side with scientific researchers, manufacturers and distributors of equipment on the other side. It will provide a scope for ideas and exchange of opinions and practical experiences.

Forasmuch as the new national programs of wastewater and sewage sludge management, programs of waste management activities that are implemented at the local and regional level in the Republic of Serbia, technological options and achievements that find a place on the market, as well as national programs of support for the development of science in areas that is the conference dedicated to, you are invited to take part in in the course of the conference and contribute to another step in achieving the sustainable development of society in its entirety.



TEMATSKE OBLASTI CONFERENCE THEMES

A. OTPADNE VODE

Integrисано управљање отпадним водама

- Nacionalna regulativa i regulativa EU
- Monitoring i informacioni sistemi u zaštiti voda
- Akreditacija laboratorija

Preчиšćавање отпадних вода

- Industrijske otpadne vode
- Komunalne otpadne vode
- Uklanjanje azota i fosfora
- Organski mikropolutanti u otpadnim vodama
- Obrada mulja
- Nove tehnologije

B. KOMUNALNI ČVRSTI OTPAD

Integrисано управљање отпадом

- Nacionalna regulativa i regulativa EU
- Prevencija, sakupljanje, transport, skladištenje i tretman otpada
- Metode odlaganja, reciklaže i ponovno korišćenje otpada i iskorišćenje energije
- Savremene tehnike tretmana čvrstog otpada
- Nesanitarne deponije, sanacije, zatvaranje i rekultivacija
- Sanitarne deponije, izgradnja, korišćenje i monitoring

Управљање посебним токовима отпада

- Управљање отпадним уљима и гумама
- Управљање отпадом од електричних и електронских производа
- Управљање амбалаžom i амбалаžним отпадом

C. OPASAN OTPAD

- Nacionalna regulativa i regulativa EU
- Industrijski opasan otpad
- Medicinski i farmaceutski otpad
- Kuћni opasan otpad
- Otpad sa perzistentnim zagađujućim materijama (POPs)
- Metode odlaganja i ponovnog iskorišćavanja opasnog otpada
- Označavanje, pakovanje i transport hemikalija i opasnog otpada

Otpadni tokovi i uticaj na zdravlje ljudi

A. WASTE WATERS

Integrated waste waters management

- National and European legislation
- Monitoring and Information systems in water protection
- Laboratory accreditation

Waste waters purification

- Industrial waste waters treatment
- Municipal waste waters treatment
- Nitrogen and phosphor removal
- Micro pollutants removal in waste waters
- Sludge treatment
- New technologies

B. MUNICIPAL SOLID WASTES

Integrated waste management

- National and EU legislation
- Prevention, collection, transportation, storage and treatment
- Methods of disposal, recycling and reusing the waste, exploitation of energy
- Latest solid waste treatment methods
- Unsanitary landfills, rehabilitation, closure and recultivation
- Sanitary landfills, construction, operation and monitoring

Specific waste management

- Waste oil and tires management
- The management of waste from electrical and electronic products
- The management of packaging and packaging waste

C. HAZARDOUS WASTES

- National and EU legislation
- Industrial hazardous waste
- Medical and pharmaceutical waste
- Animal waste
- Domestic hazardous waste
- Persistent waste (POPs)
- Methods of disposal and reuse of hazardous waste
- Labelling, packaging and transport of chemicals and hazardous waste

The waste streams and the impact on human health

PROGRAM KONFERENCIJE

CONFERENCE PROGRAM

A. OTPADNE VODE WASTE WATERS

1. IDENTIFIKACIJA BIOLOŠKIH EFEKATA I UTICAJA KOMUNALNIH OTPADNIH VODA NA PRIRODNI RECIPIJENT – STUDIJA SLUČAJA NOVI SAD

*IDENTIFICATION OF BIOLOGICAL EFFECTS AND ECOLOGICAL IMPACTS MUNICIPAL WASTEWATERS – CASE
STUDY NOVI SAD*

Ivana Teodorović

2. KLIMATSKE PROMENE, VODA I ENERGIJA, GDE SMO I KAKO DALJE?

CLIMATE CHANGE, WATER AND ENERGY, WHERE ARE WE AND HOW NEXT?

Zoran Marinković

3. CIRKULARNA EKONOMIJA U SEKTORU OTPADNIH VODA: PREGLED CILJEVA, MOGUĆNOSTI I AKCIJA

*CIRCULAR ECONOMY IN THE WASTEWATER SECTOR: OVERVIEW OF THE OBJECTIVES, OPPORTUNITIES AND
ACTIONS*

Đurđa Kerkez, Milena Bečelić-Tomin, Vesna Pešić, Dragana Tomašević Pilipović, Anita Leovac Maćerak, Aleksandra Kulić Mandić, Nataša Slijepčević

4. ODRŽIVA POSTROJENJA ZA PREČIŠĆAVANJE OTPADNIH VODA SA NULTIM UTICAJEM NA OKRUŽENJE

SUSTAINABLE WASTEWATER TREATMENT PLANTS WITH ZERO IMPACT ON THE ENVIRONMENT

Dragan Miličević

5. REŠENJA ZASNOVANA NA PRIRODI U OBLASTI UPRAVLJANJA KOMUNALnim OTPADnim VODAMA

NATURE-BASED SOLUTIONS IN MUNICIPAL WASTEWATER MANAGEMENT

Milica Stojković, Aleksandra Božić, Ana Popović, Vladimir Pavićević, Maja Đolić

6. PRIMENA STRATEGIJE NULTOG OTPADA - UPOTREBA MULJA SA POSTROJENJA ZA PREČIŠĆAVANJE OTPADNE VODE U GRAĐEVINSKIM MATERIJALIMA

*"ZERO WASTE" STRATEGY - USE OF SLUDGE FROM WASTEWATER TREATMENT PLANTS IN BUILDING
MATERIALS*

Vladana N. Rajaković-Ognjanović, Branislava Lekić, Zorana Naunović, Ognjen Govedarica, Dimitrije Zakić, Aleksandar Radević, Aleksandar Savić, Marina Aškrabić

7. PREVENTIVNO ODRŽAVANJE KANALIZACIONE MREŽE, KAO MERA ZA SMANJENJE NAKNADE ŠTETE NA PRIMERU GRADA KRAGUJEVCA

*PREVENTIVE MAINTENANCE SEWAGE NETWORKS, AS A MEASURE TO REDUCE DAMAGE COMPENSATION ON
THE EXAMPLE OF THE CITY OF KRAGUJEVCA*

Ivan Stupić

8. MONITORING POLIAROMATIČNIH UGLJOVODONIKA U BEOGRADSKOM KANALIZACIONOM SISTEMU

MONITORING OF POLYAROMATIC HYDROCARBONS IN THE BELGRADE SEWAGE SYSTEM

Darko Petrović, Tatjana Komadinić, Dragana Stanković

9. PROCENA MOGUĆNOSTI PONOVNE UPOTREBE OTPADNIH VODA U REPUBLICI SRBIJI U OKVIRU CIRKULARNE EKONOMIJE

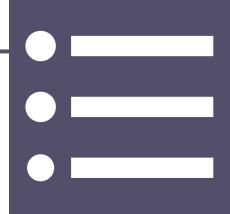
*ASSESSMENT OF THE POSSIBILITY OF REUSING WASTEWATER IN THE REPUBLIC OF SERBIA WITHIN THE
CIRCULAR ECONOMY*

Vesna Pešić, Milena Bečelić-Tomin, Đurđa Kerkez, Dejan Krčmar, Anita Leovac Maćerak, Dragana Tomašević Pilipović, Nataša Slijepčević, Aleksandra Kulić Mandic

10. EFIKASNOST PREČIŠĆAVANJA OTPADNE VODE NA SPOV "CVETOJEVAC"

EFFICIENCY OF WASTEWATER PURIFICATION AT "CVETOJEVAC" WASTEWATER TREATMENT SYSTEM

Goran Gavrilović, Ivan Bogdanović



11. UKLANJANJE HROMA IZ VODENIH RASTVORA KORIŠĆENJEM AKTIVNOG UGLJA NA BAZI MULJA

REMOVAL OF CHROMIUM FROM AQUEOUS SOLUTIONS USING SLUDGE - BASED ACTIVATED CARBON
Vesna Panchevska, Afrodita Zendelska

12. ANALIZA I ZNAČAJ PARAMETARA ČVRSTE MATERIJE U KOMUNALNIM OTPADNIM VODAMA

ANALYSIS AND SIGNIFICANCE OF PARAMETERS OF SOLID MATTER IN MUNICIPAL WASTEWATER

Jelena Vukić, Marija Mihajlović-Kostić, Darko Petrović

13. ANALIZA SADRŽAJA MULJA LAGUNE NA PRISUSTVO SPECIFIČNIH ORGANSKIH I NEORGANSKIH JEDINJENJA

ANALYSIS OF THE CONTENTS OF THE WASTEWATER SLUDGE LAGOON FOR THE PRESENCE OF SPECIFIC ORGANIC AND INORGANIC COMPOUNDS

Anita Leovac Mačerak, Tamara Apostolović, Milena Bečelić-Tomin, Vesna Miladinov, Vesna Pešić, Dragana Tomašević Pilipović, Đurđa Kerkez

14. USPOSTAVLJANJE ODRŽIVOG UPRAVLJANJA OTPADNIM VODAMA OD PRANJA FILTERA IZ PP „BEŽANIJA“ PROJEKTOVANJEM PPOV-a

ESTABLISHMENT OF SUSTAINABLE MANAGEMENT OF WASTEWATER FROM WASHING FILTERS FROM WTP "BEŽANIJA" DESIGNING WWTP

Đorđe Simović, Vladimir Pavićević, Dušan Krstić, Petar Isaković, Bojan Stanaćević, Nemanja Kovčin

15. PREGLED REALIZACIJE PROJEKTA SAKUPLJANJA I PREČIŠĆAVANJA OTPADNIH VODA CENTRALNOG KANALIZACIONOG SISTEMA GRADA BEOGRADA – INTERCEPTOR I PPOV VELIKO SELO

OVERVIEW PROJECT IMPLEMENTATION OF THE WASTEWATER COLLECTION AND TREATMENT OF THE CENTRAL SEWAGE SYSTEM OF THE CITY OF BELGRADE – INTERCEPTOR AND WWAP VELIKO SELO

Filip Lukić

16. STABLIKA KUPINE KAO BIOSORBENT ZA UKLANJANJE JONA BAKRA IZ VODE

BLACKBERRY STEM AS A BIOSORBENT FOR REMOVAL OF COPPER IONS FROM WATER

Vesna Vasić, Dragana Kukić, Marina Šćiban, Mirjana Antov

17. UTICAJ INDUSTRIJSKOG SEKTORA NA KVALITET KOMUNALNE OTPADNE VODE I DEFINISANJE KAPACITETA PPOV – PRIMER GRADA BAČKA PALANKA

INFLUENCE OF THE INDUSTRIAL SECTOR ON THE QUALITY OF MUNICIPAL WASTEWATER – BAČKA PALANKA CASE STUDY

Žarko Sretenović, Vladana Rajaković-Ognjanović, David Mitrinović, Miodrag Popović

B. KOMUNALNI ČVRST OTPAD

MUNICIPAL SOLID WASTE

1. UTICAJ OTPADA NA VODNE RESURSE REPUBLIKE SRBIJE

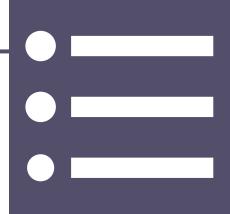
IMPACT OF WASTE ON WATER RESOURCES REPUBLIC OF SERBIA

Radmila Šerović, Aleksandra Drobac, Vladimir Pavićević

2. DOBIJANJE OPTIMALNIH SMEŠA ZA KOMPOSTIRANJE PRIMENOM MATEMATIČKOG MODELIRANJA

OBTAINING OPTIMAL COMPOSTING MIXTURES BY USING A MATHEMATICAL MODELING

Milica Ivanović, Gordana Stefanović, Ana Momčilović, Biljana Milutinović, Anđela Stojić



3. SPECIFIČNOSTI, RAZLIČITOSTI I IZAZOVI PRI PROJEKTOVANJU SANACIJE NESANITARNIH DEPONIJA U ZAVISNOSTI OD LOKACIJE I POSTOJEĆIH USLOVA, NA PRIMERU „GOVEĐAK“ U SJENICI

PARTICULARITIES, DIFFERENCES AND CHALLENGES WHEN DESIGNING THE RECLAMATION OF UNSANITARY LANDFILLS DEPENDING ON THE LOCATION AND EXISTING CONDITIONS, ON THE EXAMPLE OF "GOVEĐAK" IN SJENICA

Bojan Marković, Višnja Nikolić, Nikola Žugić, Jelena Radovanović, Đorđe Simović, Milica Sajić

4. VALORIZACIJA OPŠTINSKOG ZEMLJIŠTA NA MESTU NESANITARNIH DEPONIJA I SMETLIŠTA

VALORIZATION OF MUNICIPAL LANDFILLS LAND

D. Stevanović, R. Putnik, D. Tonić, M. Mandić

5. DETEKCIJA I REŠAVANJE PODZEMNIH DEPONIJSKIH POŽARA

DETECTION AND SOLVING OF UNDERGROUND LANDFILL FIRES

D. Stevanović, R. Putnik, D. Tonić, M. Mandić

6. ODRŽIVI RAZVOJ U PRAKSI – REVITALIZACIJA DEGRADIRANE POVRŠINE NESANITARNE

DEPONIJE U DOBANOVCIMA- OD SANACIJE NESANITARNE DEPONIJE DO IZGRADNJE

RECIKLAŽNOG CENTRA ZA SAKUPLJANJE I TRETMAN KABASTOG OTPADA

SUSTAINABLE DEVELOPMENT IN PRACTICE – REVITALIZATION OF THE DEGRADED SURFACE OF AN NON-SANITARY LANDFILL IN DOBANOVCI – FROM THE REHABILITATION OF THE NON-SANITARY LANDFILL TO THE CONSTRUCTION OF A RECYCLING CENTER FOR THE COLLECTION AND TREATMENT OF BULKY WASTE

Dragiša Žugić, Nataša Rajić, Petar Isaković, Đorđe Simović, Milica Sajić, Višnja Nikolić, Nikola Žugić, Jovana Ivanovic, Jelena Radovanović, Marija Savković

C. OPASAN OTPAD

HAZARDOUS WASTES

1. ISTORIJSKI OTPAD KAO ZAGAĐENJE U REPUBLICI SRBIJI

HISTORICAL WASTE AS CONTAMINATION IN THE REPUBLIC OF SERBIA

Hristina Stevanović Čarapina

2. UTICAJ OPASNOG OTPADA NA ZDRAVLJE LJUDI I ŽIVOTNU SREDINU

THE IMPACT OF HAZARDOUS WASTE ON HUMAN HEALTH AND THE ENVIRONMENT

Radmila Šerović, Aleksandra Drobac, Vladimir Pavićević

3. PROBLEMI U KRIVIČNOPRAVNOJ PRAKSI VEZANI ZA KRIVIČNA DELA TAKOZVANOG EKOLOŠKOG KRIMINALA

PROBLEMS IN CRIMINAL LAW PRACTICE RELATED TO THE CRIMINAL OFFENSES OF THE SO-CALLED ENVIRONMENTAL CRIME

Jelena Milinović, Dragiša Žugić

4. ISTROŠENI OLOVNI AKUMULATORI – HEMIJSKA ANALIZA, KLASIFIKACIJA I TRETMAN

THE ANALYSIS, CLASSIFICATION AND TREATMENT OF USED LEAD ACCUMULATORS

Jovan Stojanović, Dragan Crnković

5. PROCENA KVALITETA SEDIMENTA VELIKOG BAČKOG KANALA – EKOTOCSIKOLOŠKI TESTOVI

SEDIMENT QUALITY ASSESSMENT OF THE GREAT BACKA CANAL – ECOTOXICOLOGICAL TESTS

Tanja Tomić, Irina Vulin, Dunja Rađenović, Nataša Slijepčević, Jelena Beljin, Đorđe Pejin, Dragana Tomašević Pilipović

6. UTICAJ RUDARSTVA I METALURGIJE NA KVALITET ZEMLJIŠTA U BORU

IMPACT OF MINING AND METALLURGY ON SOIL QUALITY IN BOR

Andela Stojić, Snežana Šerbula, Gordana Stefanović, Ana Momčilović, Milica Ivanović, Biljana Milutinović



RADNI PROGRAM

Prvi radni dan 04. april – Utorak

10.30-11.00: Otvaranje izložbe
11.00-11.30: Otvaranje Konferencije i koktel
11.30-14.30: Radovi iz tematske oblasti **A. OTPADNE VODE** i prezentacija firmi
14.30-15.00: **Kafe Pauza**
15.00-17.00: Nastavak tematske oblasti A. i prezentacija firmi
17.00-17.30: **Poster sekcija za sve tri tematske oblasti – izbor najuspešnijeg postera (postere postaviti na panoe u vreme pauze)**

Drugi radni dan 05. april – Sreda

11.00-13.00: Radovi iz tematske oblasti **B. KOMUNALNI ČVRSTI OTPAD** i prezentacija firmi
13.00-13.30: **Kafe Pauza**
13.30-14.30: Nastavak tematske oblasti **B.** i prezentacija firmi
14.30-16.00: Radovi iz tematske oblasti **C. OPASAN OTPAD**
16.00-17.00: Diskusija i zaključci Konferencije

20.00: **ZAJEDNIČKA VEČERA U RESTORANU HOTELA „SOLARIS RESORT“** (ukoliko niste smešteni u hotelu, a želite da prisustvujete Zajedničkoj večeri treba da uplatite 1.400,00 din.)

Treći radni dan 06. april – Četvrtak

10.00: Polazak autobusa ispred hotela „Solaris“.
1.Obilazak sanirane deponijekomunalnog otpada-Trstenik
2.Postrojenje za prečišćavanje otpadnih voda- Kruševac

Povratak u popodnevnim satima.





WORK PROGRAM

The first day Tuesday 4th April

10.30-11.00: Exhibition opening

11.00-11.30: Conference Opening Ceremony and cocktail

11.30-14.30: Works relevant to the thematic area of **A. WASTE WATERS** and companies' presentations

14.30-15.00: **Coffee break**

15.00-17.00: Continuation of the thematic area **A.** and companies' presentations

17.00-17.30: **Section dedicated to the posters relevant to three Conference thematic areas – selection of the most successful poster (posters should be set for an exhibition during the break)**

The second day Wednesday 5th April

11.00-13.00: Works relevant to the thematic area of **B. MUNICIPAL SOLID WASTES** and companies' presentations

13.00-13.30: **Coffee break**

13.30-14.30: Continuation of the thematic area **B.** and companies' presentation

14.30-16.00: Works relevant to the thematic area of **C. HAZARDOUS WASTES**

16.00-17.00: **Discussion and conclusions of the Conference**

20.00: **GALA DINNER WILL BE HELD IN HOTEL "SOLARIS RESORT"**, starting from 8.00 p.m. The participants who are not lodged at the Hotel but want to take participation in Gala Dinner may pay 1.400 RSD at the Hotel reception on the name of participation.

The third day Thursday 6th April

10.00: Bus departure is on Thursday, April 6th, at 10.00 a.m. in front of Hotel „Solaris“.

1. Trstenik Landfill
2. Kruševac Wastewater Treatment Plant

Return to the Hotel in the afternoon.





OPŠTE INFORMACIJE GENERAL INFORMATION

MESTO ODRŽAVANJA

Konferencija se održava u Vrnjačkoj Banji u sali hotela Solaris Resort. Konferencija počinje 04. aprila 2023 god. u 11 časova, svečanim otvaranjem.

Prijemna kancelarija Konferencije radiće svim danima od 10.30 časova. Rad Konferencije odvijaće se prema Radnom programu datom u obaveštenju.

Vrnjačka Banja je najpoznatije banjsko lečilište u Srbiji. Nalazi se u centralnoj Srbiji, u Raškom okrugu, na severnim obrancima planine Goč, 200 km južno od Beograda. Smeštena u Vrnjačkoj kotlini, koja je deo doline Zapadne Morave, rasuta duž dolina Vrnjačke i Lipovačke reke. Kao turističko mesto ima tradiciju dugu gotovo 150 godina i za to vreme se razvila u jednu od najbolje organizovanih destinacija, a po broju gostiju predstavlja najposećenije lečilište u Srbiji.

THE VENUE

The Conference will take place in the hall of hotel Solaris Resort, situated in the city of Vrnjačka Banja. Official opening of the Conference is scheduled for April 4th, 2023, at 11.00 a.m.

The reception office of the Conference will be open everyday from 10.30 a.m. The Conference activities will be undertaken in accordance with the Working programme provided within the announcement priory presented. Vrnjačka Banja is the most famous spa resort in Serbia. It is located in central Serbia, in the Raš area, on the northern slopes of Mount Goč, 200 km south of Belgrade. Located in the Vrnjačka basin, which is part of the West Morava valley, scattered along the valleys of the Vrnjačka and Lipovačka rivers. As a tourist destination, it has a tradition of almost 150 years, and during that time it has developed into one of the best organized destinations, and in terms of the number of guests, it is the most visited spa in Serbia.

• PRATEĆA IZLOŽBA OPREME

Izložba opreme i instrumentalne tehnike održava se u holu ispred Konferencijske sale.

U Zborniku radova biće navedeni izlagači opreme.

• POSTER SEKCIJA

Posteri se postavljaju 04.04.2023. godine u vremenu od 10.30 časova.

Poster sekcija za sve tri tematske oblasti je 04.04.2023. godine od 17.00 – 17.30 časova.

Prisustvo autora je obavezno.

• ZAJEDNIČKA VEČERA

Zajednička večera je u sredu 05.04.2023. godine u hotelu Solaris Resort sa početkom u 20.00 časova. Učesnici koji nisu smešteni u hotelu Solaris Resort, a žele da prisustvuju zajedničkoj večeri, istu mogu da uplate na recepciji hotela po ceni od 1.400,00 din.

• STRUČNI PROGRAM

Stručna ekskursija obuhvata obilazak:

Obilazak sanirane deponije komunalnog otpada- Trstenik

Postrojenje za prečišćavanje otpadnih voda- Kruševac

Polazak autobusa je u četvrtak, 06. aprila u 10.00 časova ispred hotela Solaris Resort.

• EXHIBITION & ADVERTISEMENT

The exhibition of equipment and instrumental analysing devices is accompanying the Conference. The exhibitors will be listed in the Conference Almanac.

• POSTER SESSION

Posters will be placed on April, 4th 2023 from 10.30 a.m.

Poster section for all three thematic areas will be held on April 4th, 2023 from 5.00 till 5.30 p.m..

The presence of the authors is mandatory.

• GALA DINNER

Gala Dinner will be held in hotel Solaris Resort, on April 5th, 2023 starting from 8.00 p.m.

The participants who are not lodged at the Hotel but want to take participation in Gala Dinner may pay 1.400 RSD at the Hotel reception on the name of participation.

• PROFESSIONAL AND TOURISM PROGRAM

The professional excursion includes a tour of: Trstenik Landfill

Kruševac Wastewater Treatment Plant, Bus departure is on Thursday, April 6th, at 10.00 a.m. in front of Hotel Solaris Resort.

OPŠTE INFORMACIJE

GENERAL INFORMATION



• KOTIZACIJA

Za Konferenciju je utvrđena kotizacija u iznosu od 15.000 din. po učesniku.

Uplata se vrši na tekući račun Udruženja za tehnologiju vode u Banci Poštanska štedionica u Beogradu, broj 200-2710660101033-65, PIB 100066795, Matični broj 07025572, do početka Konferencije.

Uplatom kotizacije obezbeđuje se učešće na Konferenciji, zbornik radova, stručni i turistički program.

**AUTORI RADOVA NISU OSLOBOĐENI KOTIZACIJE.
KOTIZACIJA SE NE VRAĆA.**

• PRIJAVA UČEŠĆA

Obrazac prijave učešća šalje se na e-mail Udruženja (office@utvsi.com) :

(prijava u prilogu)

*UDRUŽENJE ZA TEHNOLOGIJU VODE I SANITARNO
INŽENJERSTVO, BEOGRAD, Terazije 23/IV/416*

• OSTALA OBAVEŠTENJA

Autori radova biće na vreme, pre Konferencije, obavešteni o načinu prezentacije rada.

Za usmeno izlaganje autorima je na raspolaganju : za uvodno predavanje **15 min.**, a ostala predavanja **7 minuta.**

Za saopštenje na posterima (uključujući naslov rada, imena autora i institucije) autorima će biti obezbeđen prostor od 1m x 1m. Molimo autore da veličinu slova i grafički materijal koji prikazuju prilagode mogućnosti praćenja postera sa udaljenosti od 2m rastojanja.

Troškove boravka i puta snose sami učesnici.

• FEE

For participation in the Conference, the registration fee in the amount of 15.000 RSD per participant is established.

Payment should be made to the current account of the Association for Water Technology in the Bank Poštanska štedionica Beograd, No. 2002710660101033-65, PIB 100066795, Registration number 07025572, no later than the beginning of the Conference.

Payment of the registration fee grants participation in the Conference, Almanac, professional and touristic program.

The authors are not exempted from paying the registration fee. The registration fee is not refundable.

• REGISTRATION FORM

Application form should be sent to the Association's e-mail address (office@utvsi.com):

(please find enclosed the registration form)

*ASSOCIATION FOR WATER TECHNOLOGY AND
SANITARY ENGINEERING, 11000 Belgrade,
Terazije 23/IV/416, Republic of Serbia*

• OTHER INFORMATION

Authors will be timely informed about the method of presentation, before the Conference.

For oral presentation, the authors are given **7 min..**

For a statement on posters (including title, authors' names and institutions) authors will be provided an area of 1m x 1m. The authors are asked to adapt the size and graphic materials to the possibility of tracking the content from a 2m distance.

The costs of accommodation and travel shall be payed by the participants themselves.

OPŠTE INFORMACIJE

GENERAL INFORMATION



• PRIJAVA ZA HOTEL

Učesnicima je obezbeđen smeštaj u hotelu Solaris Resort. Smeštaj se rezerviše na telefon službe prodaje: + 381 (0)36 426 500, ili putem e-mail: recepcija@solarisresort.com sa naznakom: **Konferencija UTVSI**.

Smeštaj rezervisati do 15.03.2023. godine.

Posle ovog roka organizatori ne mogu da garantuju smeštaj.

Cene polupansiona:

U dvokrevetnoj sobi po osobi - 7.020,00 din.

U jednokrevetnoj sobi - 7.605,00 din. (OGRANIČEN BROJ)

U cenu nisu uračunati boravišna taksa i osiguranje i iznose 152 din po osobi na dan.

Prevoz organizuju sami učesnici.

Sva dodatna obaveštenja se mogu dobiti na telefone UDRUŽENJA:

tel.: 011/244 22 28;

fax: 244 11 93

mob: 064/165-85-79 (Svetlana Đurica)

mob: 060/606-99-22 (Bojana Vranešević)

e-mail: office@utvsi.com

UDRUŽENJE ZA TEHNOLOGIJU VODE

I SANITARNO INŽENJERSTVO

11000 Beograd, str. Terazije 23/IV/416

• APPLICATION FOR HOTEL

Participants were provided with the accommodation at the hotel Solaris Resort, Vrnjačka Banja.

The participants are advised to make a reservations via phone: Sales department: + 381 (0)36 426 500
Or by e-mail: recepcija@solarisresort.com with an indication: **Conference UTVSI**.

Accommodation should be booked up to 15.03.2023.

After this deadline, the organizers can not guarantee the accommodation.

Prices for the Half Board:

The double room per person - 7.020,00 RSD.

In a single room - 7.605,00 RSD. (Limited number)

Local taxes and insurance: 152 RSD per person per day

Transport should be organized by the participants.

All additional information could be obtained by contacting the Association via below provided phone numbers

tel.: ++ 381 (0) 11 244 22 28;

fax: ++ 381 (0) 11 244 11 93

mob:++ 381 (0) 64 165 85 79 (Svetlana Đurica)

mob:++ 381 (0) 60 606 99 22 (Bojana Vranešević)

e-mail: office@utvsi.com

APPLICATION/REGISTRATION

Participants are advised to complete and return enclosed registration form to:

UDRUŽENJE ZA TEHNOLOGIJU VODE

I SANITARNO INŽENJERSTVO

11000 Beograd, str. Terazije 23/IV/416



UDRUŽENJE ZA TEHNOLOGIJU VODE I SANITARNO INŽENJERSTVO

Udruženje je nevladina i neprofitna stručna asocijacija. Danas predstavlja jedinstvenu asocijaciju u našoj zemlji gde je koncentrisano tehničko, naučno i menadžersko znanje, kao i praktična iskustva o vodi. Postoji 63 godinu kontinualno na području prethodne Jugoslavije. Sedište je u Beogradu. Udruženje za tehnologiju vode i sanitarno inženjerstvo formirano je da objedini naučnu i stručnu javnost u oblasti voda: površinskih, podzemnih, akumulacija, mora, itd., kao i zaštite životne sredine. Svojim članovima obezbeđuje proširenje stručnih i naučnih znanja, razmenu informacija i odgovarajuću valorizaciju znanja i uticaj na javnost, obrazovni, ekonomski, privredni i naučno-tehnološki održiv razvoj zemlje. Udruženje je organizovalo i međusobno povezalo veliki broj pojedinaca, preduzeća i ustanova. Problematika rada Udruženja je multidisciplinarna (inženjeri svih profila, biolozi, ekolozi, hemičari, tehnolozi, fizičari, lekari i drugi) pa je zato Udruženje u mogućnosti da pruži pomoć i reši najsloženije probleme angažujući najbolje stručnjake u ovim oblastima jer su oni članovi Udruženja. Udruženje svoju delatnost realizuje izdavanjem naučno-stručnog časopisa "Voda i sanitarna tehnika", koga izdaje u kontinuitetu preko 46 godine, preko stručnih savetovanja i simpozijuma (preko 260 do sada), preko posebnih publikacija (preko 210 naslova), izradom ekspertiza za pojedine tehničke probleme, kao i uticaja na životnu sredinu, učešćem u pripremi aktuelnih propisa, izradom normativa i standarda i mnogih drugih aktivnosti.

ASSOCIATION FOR WATER TECHNOLOGY AND SANITARY ENGINEERING

The association is a non-governmental and non-profit expert organization. Today, it represents the unique association in our country clustering technical, scientific and manager knowledge, as well as practical experience relevant to the water. The association exists for over 63 years in continuity on the territory of the former Yugoslavia with headquarters located in Belgrade. The association for water technology and sanitary engineering was formed to unite the scientific and expert public in the field of water: surface, subterranean, accumulations, seas, etc., as well as the protection of environment. The association provides to its members the broadening of their expert and scientific knowledge, exchange of information and an appropriate knowledge valorisation as well as the influence on the public, but also assures an educational, economic, trade and industry and a well-preserved scientific-technological development of the country. The association organized and mutually connected a large number of individuals, enterprises and institutions. The working problems of the Association are multidisciplinary (engineers of all profiles, biologists, ecology experts, chemists, technologists, physicists, medical doctors and others) and therefore the Association is able to give assistance and solve the most complex problems by engaging the best experts in these fields, for they are members of the Association. The Association realizes its activities by publishing the scientific-expert magazine "Water and sanitary technique" in continuity for over 46 years, through expert consultations and symposiums (over 260 until now), through special publications (over 210 titles), by issuing expert opinions for certain technical problems, as well as the influence on environment protection. These activities are also realized by participating in preparations of several actual regulations, by issuing norms scales and standards and menu other activities.