

PROGRAM

**Osamnaeste međunarodne konferencije
“VODOVODNI I KANALIZACIONI SISTEMI”
Jahorina, Pale, 30. maj-01. jun 2018. god.**

**The Program of the eighteenth International Conference
WATER SUPPLY AND SEWAGE SYSTEMS
Jahorina, Pale, May 30 - June 1 2018**

CILJ KONFERENCIJE

Vodovodni i kanalizacioni sistemi naselja spadaju u najvažnije delove komunalne infrastrukture. Prekidi i promene njihovog funkcionisanja mogu da izazovu velike poremećaje u životu ljudi, ugrožavajući sanitarno-higijenska stanja gradova i naselja. Položaj vodnog sektora i odgovornost za vodovodne i kanalizacione sisteme i objekte, kao i održivo poslovanje preduzeća, ozbiljni su razlozi koji zahtevaju da se stručna i strukovna udruženja i stručna javnost više uključe i doprinesu unapređenju propisa, primeni modernih alata i tehnika, kao i rešavanju problema različitih klimatskih i drugih uslova. Poštovanje propisa i stalna obuka zaposlenih za rad na svim radnim mestima i nivoima u oblasti snabdevanja vodom za piće i odvođenja i prečišćavanja otpadnih voda imaju poseban značaj za poboljšanje kvalifikacione, starosne i rodne strukture preduzeća i stručnjaka, kao i njihove kompetencije.

Konferencija tradicionalno povezuje stručnjake i podržava razmenu iskustva i znanja, kao i uspostavljanje dijaloga o aktuelnim problemima u vodnom sektoru i donošenje održivih rešenja za bolji kvalitet vode za piće i usluga korisnicima.

Stručne oblasti konferencije:

- a) *Snabdevanje vodom za piće;*
- b) *Odvođenje i prečišćavanje otpadnih voda;*
- c) *Prezentacije i prateći programi u oblasti vodovoda i kanalizacije*

CONFERENCE GOALS

Water supply and sewage systems belong to the most important parts of the communal infrastructure. Interruptions and changes of their functioning can cause major disruptions in people's lives, endangering the sanitary and hygienic conditions in towns and municipalities. The position of the water sector and the responsibility for water supply and sewage systems and facilities, as well as the sustainable utility company management, are serious reasons which require from professional associations and the professional publics to be more involved and contribute to the improvement of legislation, application of modern tools and techniques, and solving of problems with various climatic and other conditions. Compliance with regulations and continuous capacity development for all workplaces and levels in the field of water supply and sanitation are of particular importance for improving the qualifications, age and gender structure together with the competences in utility companies and among experts.

The conference traditionally connects experts and supports the exchange of experience and knowledge, as well as an establishment of a dialogue in the water sector and a bringing of sustainable solutions for better quality of drinking water and services to customers.

Conference thematic areas:

- a) Drinking water supply;
- b) Wastewater collection and treatment;
- c) Presentations and following programs in the field of water supply and sewage.

ORGANIZACIONI ODBOR

1. Branka Trninić, predsednik U.O. Udruženja Vodovodi Republike Srpske
2. Boris Mičić, predsednik U.O. UTVSI
3. Dragan Đorđević, predsednik U.O. Udruženja vodovoda i kanalizacije Srbije
4. Dalibor Joknić, sekretar Udruženja za komunalne delatnosti Privredne ko-
more Srbije
5. prof. dr Marko Ivetić, Građevinski fakultet, Beograd
6. prof. dr Božo Dalmacija, Prirodno- matematički fakultet, Novi Sad
7. dr Milka Vidović, IHTM, Beograd
8. Predrag Perković, direktor, A.D. Vodovod i kanalizacija Bijeljina
9. Vlado Reljić, direktor, Vodovod a.d. Prijedor
10. Zoran Zelenbabić, PKD Rad a.d. Teslić
11. Spasoje Radović, JP Vodovod A.D. Trebinje
12. Vladimir Taušanović, potpredsednik IAWD-a

IZVRŠNI ODBOR

1. Predrag Bogdanović, predsednik Skupštine UTVSI
2. Branka Trninić, predsednik U.O. Udruženja Vodovodi Republike Srpske
3. prof. dr Slobodan Petković, UTVSI
4. prof. dr Jasmina Agbaba, Prirodno- matematički fakultet, Novi Sad
5. prof. dr Dragan Povrenović, Tehnološko- metalurški fakultet, Beograd
6. Jovan Katić, direktor KP Vodovod i kanalizacija a.d. Istočno Sarajevo
7. Ivana Stanišić, tehnički direktor, A.D. Vodovod i kanalizacija Bijeljina
8. Zoran Radivojević, direktor sektora za razvoj, JKP BVK
9. Zorana Petrović, koordinator za međunarodnu saradnju UTVSI
10. Rajka Čović, sekretar Udruženja Vodovodi Republike Srpske
11. Tomislav Slavković, sekretar UTVSI
12. Sonja Milovanović, rukovodilac stručne službe UTVSI

ORGANIZING COMMITTEE

1. Branka Trninić, chairwoman of SC of Water Utility Association of Republic of
Srpska
2. Boris Mičić, chairman of SC of UTVSI
3. Dragan Đorđević, chairman of SC Waterworks and Sewerage Association of
Serbia
4. Dalibor Joknić, Chamber of commerce and industry of Serbia
5. Prof. Marko Ivetić, PhD, Faculty of Civil Engineering, Beograd
6. Prof. Božo Dalmacija, PhD, Faculty of Sciences, Novi Sad
7. Milka Vidović, PhD, IHTM, Beograd
8. Predrag Perković, director, Waterworks and sewerage, Bijeljina
9. Vlado Reljić, director, Waterworks Prijedor
10. Zoran Zelenbabić, PCA Rad Teslić
11. Spasoje Radović, PC Waterworks Trebinje
12. Vladimir Taušanović, IAWD vicepresident

STEERING COMMITTEE

1. Predrag Bogdanović, chairman of UTVSI assembly
2. Branka Trninić, chairwoman of SC of Water Utility Association of Republic of
Srpska
3. Prof. Slobodan Petković, PhD, UTVSI
4. Prof. Jasmina Agbaba, PhD, Faculty of Sciences, Novi Sad
5. Prof. Dragan Povrenović, Faculty of Chemical Engineering and Metalurgy,
Beograd
6. Jovan Katić, director of UC Waterworks and Sewerage Istocno Sarajevo
7. Ivana Stanišić, technical director, Waterworks and Sewerage Bijeljina
8. Zoran Radivojević, director of Development department, PUC BWS
9. Zorana Petrović, coordinator for international cooperation of UTVSI
10. Rajka Čović, secretary of Water Utility Association of Republic of Srpska
11. Tomislav Slavković, secretary of UTVSI
12. Sonja Milovanović, office manager of UTVSI

PROGRAM KONFERENCIJE

I DAN Sreda, 30.05.2018.

9.00-9.30 Otvaranje izložbe / prijave i registracije

9.30-10.45 Otvaranje konferencije / pozdravne reči

Osamnaest godina konferencije / Sećanja, prof. dr Slobodan Petković

Uvodni rad: Voda i ljudsko pravo- javno dobro ili roba? dr Nebojša Veljković,

Ministarstvo zaštite životne sredine, Agencija za zaštitu životne sredine, Beograd, Zorana Petrović, BVK/ UTVSI, dr Aleksandar Šotić, UTVSI i Miroslava Hero Gon, Udruženje vodovoda i kanalizacije Srbije

10.45-11.15 Pauza

11.15-13.15 Panel diskusija/**Bezbednost snabdevanja vodom za piće**

Moderatori: **Predrag Bogdanović i Zorana Petrović**

Učestvuju:

Susanna Smets, viši specijalista za snabdevanje vodom i sanitaciju, Svetska banka, Snabdevanje vodom van domašaja komunalnih preduzeća, rezultati BiH lekcije iz regiona

prof. dr Marko Ivetić, Građevinski fakultet Univerziteta u Beogradu, Kvalitet vode u vodovodnim sistemima – Pregled, projekat u okviru EU programa H2020

Philip Weller, IAWD, Bezbednost vode i upravljanje krizama: Osnove kontinuiteta poslovanja za upravljanje katastrofama

Aida Bučo Smajić, DVGW, DVGW TSM- sistem za upravljanje tehničkom bezbednošću

Aleksandra Krsmanović, JKP BVK/UTVSI, Učešće UTVSI u programu Bezbednost vode i upravljanje krizama: Osnove kontinuiteta poslovanja za upravljanje katastrofama Dunavskog programa za vode

Ivana Stanišić, Vodovod Bijeljina/Udruženje Vodovodi Republike Srpske: Iskustva sa planovima za bezbednost vode u republici Srpskoj

Diskusija 30 minuta

CONFERENCE PROGRAM

DAY 1 Wednesday, May 30, 2018

9.00-9.30 Exhibition Opening / Registration of participants

9.30-10.45 Conference Opening / Welcome Speeches

18 Years of the Conference / Memories, Prof. Slobodan Petković

Introduction: Water and Human Right- a public good or an economic good? Nebojša Veljković, PhD, Ministry for Environment Protection, Environment Protection Agency, Beograd, Zorana Petrović, BVK/UTVSI, Aleksandar Šotić, PhD, UTVSI and Miroslava Hero Gon, Waterworks and Sewerage Association of Serbia

10.45-11.15 Break

11.15-13.15 Panel Discussion / **Drinking Water Safety**

Moderators: **Predrag Bogdanović** and **Zorana Petrović**, UTVSI

Participants:

Susanna Smets, Sr. Water Supply and Sanitation Specialist, World Bank, Beyond utility reach? How to close the urban-rural access gap- Results from Bosnia and Herzegovina and regional lessons

Prof. Marko Ivetic, PhD, Faculty of Civil Engineering - University of Belgrade, Quality of water in water supply systems – Review, project in the EU framework programme HORIZON 2020

Philip Weller, IAWD, Water safety and crisis management: business continuity basics for disaster management

Aida Bučo Smajić, DVGW, DVGW TSM- Technical Safety Management

Aleksandra Krsmanović, JKP BVK/UTVSI, Participation of UTVSI in the DWP Program Water safety and crisis management: Business continuity basics for disaster management

Ivana Stanišić, Bijeljina Waterworks /Association Water Utilities of Republic of Srpska: Experiences with water safety plans in Republic of Srpska

Discussion 30 minutes

13.15-13.30 Prezentacija: Regionalni vodovodi Montenegro, **Goran Jevrić**

13.30-15.00 Pauza za ručak

15.00-17.00 Kvalitet vode - Moderatori: **prof. dr Jasmina Agbaba i Ivana Stanišić**

1. ISPITIVANJE INTERAKCIJA HLOROVANIH FENOLA I MIKROPLASTIKE U VODI TOKOM VREMENA
Aleksandra Tubić, Maja Lončarski, Tamara Apostolović, Marijana Kragulj Isakovski, Snežana Maletić, Jelena Tričković, Jasmina Agbaba
2. PROCJENA PORIJEKLA NITRATA U SIROVOJ VODI IZ VODOZAHVATA VODOVOD A.D. PRIJEDOR
Nedeljka Vuković
3. KRITIČKI OSVRT NA UKLANJANJE ARSENA IZ VODE KOAGULACIJOM I ADSORPCIJOM
Jasmina Agbaba, Jasmina Nikić, Malcolm Watson, Dejan Krčmar, Aleksandra Tubić, Božo Dalmacija
4. ANALIZA IZVORIŠTA „KRIŠKOVCI“ SA ASPEKTA POVEĆANE KONCENTRACIJE MANGANA
Radmila Kovačević, Daniela Komljenić, Tamara Bajić
5. EFEKTI KOMBINOVANOG PROCESA OZONIZACIJE I GAU FILTRACIJE NA KVALITET VODE ZA PIĆE- FABRIKA VODE U NOVOM SADU
Mladen Popov, Tamara Apostolović, Maja Lončarski, Marko Grgić, Aleksandra Tubić, Marijana Kragulj Isakovski, Jasmina Agbaba
6. ZDRAVSTVENA ISPRAVNOST VODE LOKALNIH ŠKOLSKIH VODOVODA NA PODRUČJU REGIONA BANJALUKA
Dušanka Danojević
7. UNAPREĐENJE I MODERNIZACIJA TEHNOLOGIJE PREČIŠĆAVANJA NA PPV „HADŽET“ U NOVOM PAZARU - II FAZA Q=800 L/S
Zorana Radibratović, Biljana Cakić, Bojan Obušković
8. ZNAČAJ IZGRADNJE NOVE ZGRADE OPŠTE LABORATORIJE
Miljana Miljanović, Branka Trninić, Gordana Glogovac, Miodrag Babić

Diskusija 10 minuta

17.00-17.30 Promocija knjige: Vodovod i kanalizacija – Upravljanje, **Miroslav Cvjetković**

II DAN Četvrtak, 31.05.2018.

9.00- 10.45 Vodovodni sistemi – Moderatori: **Zoran Radivojević, Marko Ivetić, i Branka Trninić**

1. ISKUSTVA TOKOM VRŠENJA PROJEKTANTSKOG NADZORA NAD REKONSTRUKCIJOM I DOGRADNJOM PPV U UŽICU- I FAZA Q=400 L/S
Zorana Radibratović, Biljana Cakić, Marko Ljuboja, Ljiljana Dimkić, Svetlana Argakijev

13.15-13.30 Presentation: Regional water supply system Montenegro,
Goran Jevrić

13.30-15.00 Lunch Break

15.00-17.00 Water Quality - Moderators: **Prof. Jasmina Agbaba PhD**
and **Ivana Stanišić**

1. STUDY OF INTERACTION OF CHLORATED PHENOLS AND MICROPLASTICS IN WATER DURING THE TIME
Aleksandra Tubić, Maja Lončarski, Tamara Apostolović, Marijana Kragulj Isakovski, Snežana Maletić, Jelena Tričković, Jasmina Agbaba
2. ASSESSMENT OF ORIGIN OF NITRATES IN RAW WATER FROM THE WATER INTAKE OF THE PRIJEDOR WATERWORKS-
Nedeljka Vuković
3. CRITICAL REVIEW OF THE REMOVAL OF ARSENIC FROM WATER BY COAGULATION AND ADSORPTION
Jasmina Agbaba, Jasmina Nikić, Malcolm Watson, Dejan Krčmar, Aleksandra Tubić, Božo Dalmacija
4. "KRIŠKOVC" WATER SOURCE ANALYSIS FROM THE ASPECTS OF INCREASED MANGANESE CONCENTRATION
Radmila Kovačević, Daniela Komljenić, Tamara Bajić, Budućnost, Laktaši
5. EFFECTS OF COMBINED PROCESSES OF OZONATION AND GAC FILTRATION ON DRINKING WATER QUALITY – DRINKING WATER TREATMENT PLANT IN NOVI SAD -
Mladen Popov, Tamara Apostolović, Maja Lončarski, Marko Grgić, Aleksandra Tubić, Marijana Kragulj Isakovski, Jasmina Agbaba
6. HEALTH SAFETY OF DRINKING WATER OF LOCAL SCHOOL WATER SUPPLIES IN THE REGION OF BANJALUKA
Dušanka Danojević
7. UPGRADING AND MODERNISATION OF PROCESS TECHNOLOGY ON WTP "HADZET" IN NOVI PAZAR – II FAZA, Q = 800 L / S
Zorana Radibratović, Biljana Cakić, Bojan Obušković
8. THE IMPORTANCE OF CONSTRUCTION A NEW GENERAL LABORATORY BUILDING
Miljana Miljanović, Branka Trninić, Gordana Glogovac, Miodrag Babić

Discussion 10 minutes

17.00-17.30 Promotion of publication: Waterworks and Sewerage – Management, **Miroslav Cvjetković**

DAY 2 Thursday, May 31, 2018

9.00- 10.45 Water Supply Systems – Moderators: **Zoran Radivojević, Marko Ivetić** and **Branka Trninić**

1. EXPERIENCE DURING SUPERVISION ON THE RECONSTRUCTION AND EXTENSION OF WTP IN UŽICE – I PHASE, Q = 400 L / S
Zorana Radibratović, Biljana Cakić, Marko Ljuboja, Ljiljana Dimkić, Svetlana Argakijev

2. OBEZBJEĐENJE OBJEKATA VODOSNABDJEVANJA
Bojan Ećim
3. MULTIKRITERIJALNE ANALIZE KOD DEFINISANJA ZONA SANITARNE ZAŠTITE
PODZEMNIH VODA JAVNIH IZVORIŠTA VODE ZA PIĆE
Petar Begović, Branko Ivanklović
4. UPRAVLJANJE PROCESOM OBNAVLJANJA VODOVODNE INFRASTRUKTURE
Darijo Kuprešak, Miodrag Babić, Nikola Dujaković
5. PRIKAZ I ANALIZA ZONA PRITISAKA U GIS OKRUŽENJU
Nemanja Branisavljević, Vidoje Stevanović
6. IDEJNO RJEŠENJE ZONIRANJA VODOVODNE MREŽE „VODOVOD“ A.D.
BANJALUKA
**Branka Trninić, Gordana Glogovac, Miodrag Babić, Milana
Kočić, Novak Predojević**
7. OTKLANJANJE EKSTREMNIH PROBLEMA NA MREŽI
Slobodan Stojanović, Aleksandar Stojanović

10.45-11.15 Pauza

11.15-13.15 Panel diskusija / **benchmarking sa uvodnim radom**

Razvoj benčmarkinga vodovodnih kanalizacionih preduzeća u Republici Srpskoj Branka Trninić, Srđan Kevac i i Miodrag Babić

Moderatori: **Branka Trninić i Miodrag Babić**, Udruženje Vodovodi Republike Srpske

Učestvuju:

Boško Kenjić, Ministarstvo vanjskih poslova i ekonomskih odnosa BiH,

Nenad Đukić, Ministarstvo poljoprivrede, šumarstva i vodoprivrede Republike Srpske,

Sandi Zulić, AQUASAN mreža BiH (DWP)

Zoran Zelenbabić, predsjednik Skupštine Udruženja “Vodovodi Republike Srpske”,

Sandro Zeničanin, direktor “Vodovoda” Gradiška,

Ninoslav Petrović, Udruženje za tehnologiju vode i sanitarno inženjerstvo

13.15-13.30 Aquasan - Regionalni program jačanja kapaciteta JKP/JVP u BiH - **Sandi Zulić**

13.30-15.00 Pauza za ručak

15.00-17.00 Vodovodni sistemi – Moderatori: **prof. dr Marko Ivetić, Zoran Radivojević i Zoran Zelenbabić**

8. VIŠEGODIŠNJA ISKUSTVA U FUNCIONISANJU SISTEMA DALJINSKOG NADZORA I UPRAVLJANJA MAPNET+ U VELIKIM VODOVODNIM SISTEMIMA U SRBJI

Saša Korać

9. ANALIZA EFEKATA PRIMENE OBJEDINJENE PROCEDURE NA PRIKLJUČENJU OBJEKATA NA INFRASTRUKTURU VODOVODA I KANALIZACIJE U JKP „BEOGRADSKI VODOVOD I KANALIZACIJA“

Milica Radovanović, Aleksandra Tušup

2. SECURITY OF WATER SUPPLY FACILITIES
Bojan Ećim
3. MULTICRITERIA ANALYSIS FOR DEFINITION OF THE SANITARY PROTECTION OF THE GROUNDWATER AS A PUBLIC SOURCE OF DRINKING WATER -
Petar Begović, Branko Ivanković
4. MANAGEMENT OF THE WATER SUPPLY INFRASTRUCTURE RENEWAL PROCESS -
Darijo Kuprešak, Miodrag Babić, Nikola Dujaković
5. PRESENTATION AND ANALYSIS OF PRESSURE ZONES IN GIS ENVIRONMENT
Nemanja Branislavljević, Vidoje Stevanović
6. CONCEPTUAL DESIGN OF WATER SUPPLY NETWORK ZONING OF THE WATERWORKS JSC BANJALUKA -
Branka Trninić, Gordana Glogovac, Miodrag Babić, Milana Kočić, Novak Predojević
7. RESOLVING OF EXTREME NETWORK PROBLEMS -
Slobodan Stojanović, Aleksandar Stojanović

10.45-11.15 Break

11.15-13.16 Panel Discussion / **Benchmarking in area of drinking water supply**

Introduction: Development of Waterworks and Sewerage Utility Companies
Benchmarking in the Republic of Srpska, Branka Trninić, Srđan Kevac and Miodrag Babić

Moderators: Branka Trninić and Miodrag Babić, Association Water Utilities Republic of Srpska

Participants:

Boško Kenjić, Ministry of Foreign Affairs and Economic Relations of B&H,

Nenad Đukić, Ministry of agriculture, forestry and water management of Republic of Srpska,

Sandi Zulić, AQUASAN network B&H (DWP)

Zoran Zelenbabić, Chairman of Assembly of Association of "Water Utilities of Republic of Srpska",

Sandro Zeničanin, general manager of "Waterworks" Gradiška,

Ninoslav Petrović, Association for Water Technology and Sanitary Engineering

13.15-13.30 Presentation of Aquasan - Regional Programme for Capacity Building Public Utilities in Bosnia and Herzegovina - **Sandi Zulić**

13.30-15.00 Lunch Break

15.00-17.00 **Water Supply Systems** – Moderators: **Zoran Radivojević, Marko Ivetić** and **Zoran Zelenbabić**

8. MULTIANNUAL EXPERIENCES IN REMOTE MONITORING AND MANAGEMENT BY MAPNET+ IN BIG WATER SUPPLY SYSTEMS IN SERBIA -
Saša Korać

9. ANALYSIS OF EFFECTS OF CONNECTION TO WATER AND SEWAGE SYSTEM BY UNIFIED PROCEDURE IN PUC "BEOGRADSKI VODOVOD I KANALIZACIJA"
Milica Radovanović, Aleksandra Tušup

10. INSPEKCIJSKI PREGLED HIDROTEHNIČKOG VODOVODNOG TUNELA „ZVEZDARA“ U BEOGRADU
Duško Salopek, Željko Milićević
11. UTICAJ NORME ZA VODOSNABDEVANJE U SMANJENJU GUBITAKA VODE U VODOVODNIM MREŽAMA
Stojan Srbinoski
12. NOVI REZERVOAR U OKVIRU KOMPLEKSA PPV "BEŽANIJA"
Milan Filipović
13. SNABDIJEVANJE VODOM ZA PIĆE GRADA BIJELJINA
Jovanka Jovičić
14. MODELIRANJE PRELIVA PREKIDNE KOMORE U PROGRAMSKOM PAKETU EPANET
A. Nedeljković, N. Branislavljević

Diskusija 10 minuta

- 17.00-17.30** Promocija knjige: Strategija smanjenja gubitaka u vodovodnim sistemima, **Stevo Savić**

III DAN Petak, 01.06.2018.

9.30-11.00 Kanalizacioni sistemi – Moderatori: prof. dr Dragan Povrenović, Predrag Bogdanović i Branka Trninić

1. PRIMER PROJEKTOVANJA PRIMARNOG TALOŽNIKA U POSTROJENJIMA ZA PRERADU OTPADNIH VODA
Ivan Krstić, Gordana Krstić-Đorđević
2. UPOREDNA ANALIZA TROŠKOVA IZGRADNJE, EKSPLOATACIJE I ODRŽAVANJA KLASIČNE GRAVITACIONE SANITARNE KANALIZACIJE POD PRITISKOM NA PRIMERU PROJEKTOVANJA VARIJANTNIH REŠENJA SLIVA KANALIZACIJE „ŽELEZNIČKI NOVI RED“ U KIKINDI
Pavle Babac, Rade Milutinović, Tatjana Ratković Babac
3. POSTROJENJA ZA PREČIŠĆAVANJE OTPADNIH VODA U TE NIKOLA TESLA A OBRENOVAC
Marko Bojinović, Slobodan Mrkonjić
4. PRIMER PROJEKTA PUMPNE STANICE KCS1 ZA KIŠNU I FEKLANU VODU, KAPACITETA $Q=3500$ L/S ZA KIŠNE VODE I $Q=600$ L/S ZA FEKLANE VODE, U BLOKU 10 U BEOGRADU
Boris Džodanović, Milan Milutinović
5. SAVREMENI PRISTUP U PROJEKTOVANJU KANALIZACIONIH CRPNIH STANICA NA PRIMERU KCS "UŠĆE NOVA" - BEOGRAD
Miodrag Popović, Marko Ćurčić, Biljana Cakić, Ljiljana Dimkić
6. TRETMAN OTPADNIH VODA
Vesna Lazarević

Diskusija 10 minuta

Zaključci Konferencije 20 minuta

11.00 Kraj Konferencije

10. INSPECTION OF HYDROTECHNICAL WATER SUPPLY TUNNEL ZVEZDARA IN BELGRADE

Duško Salopek, Željko Milićević

11. IMPACT OF WATER SUPPLY NORM IN REDUCING WATER LOSSES IN WATER NETWORKS

Stojan Srbinoski

12. NEW SERVICE RESERVOIR IN THE COMPLEX OF DWTP BEŽANIJA

Milan Filipović

13. DRINKING WATER SUPPLY OF BIJEJINA CITY

Jovanka Jovičić

14. MODELLING OF SURGE TANK OVERFLOW IN PROGRAM PACKAGE EPANET-

A. Nedeljković, N. Branislavljević

Discussion 10 minutes

17.00-17.30 Promotion of publication: Strategy for water loss reduction in water supply systems, **Stevo Savić**

DAY 3 Friday, June 1, 2018

9.30-11.00 Sewage systems – Moderators: **Prof. Dragan Povrenović, Predrag Bogdanović** and **Branka Trninić**

1. EXAMPLE OF DESIGN OF THE PRIMARY SEDIMENTATION TANKS IN WASTE WATER TREATMENT PLANT

Ivan Krstić, Gordana Krstić-Đorđević,

2. COMPARATIVE ANALYSIS OF CONSTRUCTION, OPERATIONS AND MAINTENANCE COSTS FOR CONVENTIONAL GRAVITY SANITARY SEWER SYSTEM AND PRESSURE SEWER SYSTEM BASED ON THE EXAMPLE OF DESIGN VARIANTS FOR SEWERAGE CATCHMENT ŽELEZNIČKI NOVI RED IN KIKINDA

Pavle Babac, Rade Milutinović, Tatjana Ratković Babac

3. WASTEWATER TREATMENT PLANTS TE NIKOLA TESLA A OBRENOVAC

Marko Bojinović, Slobodan Mrkonjić

4. DESIGN EXAMPLE OF PUMPING STATION KCS1 FOR STORMWATER AND SANITARY WATER, CAPACITY $Q=3500$ L/S FOR STORMWATER AND $Q=600$ L/S FOR SANITARY WATER, IN BLOCK 10 IN BELGRADE

Boris Džodanović, Milan Milutinović

5. MODERN APPROACH IN DESIGN OF THE MAIN OBJECTS IN SEWERAGE SYSTEMS, ON EXAMPLE OF WWPS „UŠĆE NOVA“ IN BELGRADE

Miodrag Popović, Marko Ćurčić, Biljana Cakić, Ljiljana Dimkić

6. WASTEWATER TREATMENT

Vesna Lazarević

Discussion 10 minutes

Wrap-up and Conclusions 20 minutes

11.00 End of Conference

OPŠTE INFORMACIJE

Mesto održavanja konferencije je: Hotel "Termag" na Jahorini, Pale, 30. maj -01. jun 2018.

Međunarodna tehnička izložba "Savremena tehnologija, oprema i postrojenja za vodovod i kanalizaciju" organizuje se za vreme konferencije u holu ispred sale za prezentacije. Domaći i strani proizvođači predstaviće tehnologiju i opremu, pribor i materijal iz oblasti vodovodnih i kanalizacionih sistema.

Kotizacija i smeštaj

Svi učesnici na stručnom skupu plaćaju kotizaciju u iznosu od 12.000 dinara (100 evra) na žiro račun Udruženja za tehnologiju vode, ili 200 BAM (odnosno 100 evra) na žiro-račun Udruženja: "Vodovodi Republike Srpske".

Uplatom kotizacije obezbeđuje se pravo na:

- učešće na konferenciji,
- zbornik radova i časopis "Voda i sanitarna tehnika".

Učesnici sami obezbeđuju smeštaj u hotelima Termag ili Bistrica. Kotizacija se može uplatiti na tekući račun Udruženja za tehnologiju vode, Banka Poštanska štedionica AD Beograd, broj: 200-2710660101033-65, PIB 100066795, Matični broj 07025572.

INSTRUKCIJA ZA USMERAVANJE DEVIZNIH SREDSTAVA

FIELD 32: CURRENCY	EUR
FIELD 56a: INTERMEDIARY INSTITUTION	DEUTSCHE BANK AG FRANKFURT SWIFT: DEUTDEFF
FIELD 57a: ACCOUNT WITH INSTITUTION	Banka Poštanska Štedionica a.d. 11000 BEOGRAD SWIFT: SBPORSBG
FIELD 59: BENEFICIARY CUSTOMER – NAME & ADDRESS	RS35200271066010100358 UTVSI Terazije 23/2 11020 Stari Grad-Beograd
DETAILS OF PAYMENTS / CHARGES	

GENERAL INFORMATION

Venue: Hotel Termag, Jahorina, Pale, Bosniaand Herzegovina, May 30 – June 01, 2018.

International technical Exhibition “Contemporary technology, equipment, and water supply and wastewater plants” will be organized during the conference in the hall in front of the conference room. Exhibitors from the region and abroad will present technology and equipment, accessories and materials in the field of water supply and sewage systems.

Registration fee and accommodation

All participants of the conference are to pay a registration fee of 12,000 dinars (100 EUR) to the bank account of the Association for Water Technology and Sanitary Engineering, or 200 BAM (or 100 EUR) to the bank account of the Association: "Water Utilities of Republic of Srpska".

The participation fee includes:

- Admission to all sessions of the conference
- A printed copy of the Conference Proceedings and a copy of the journal “Water and Sanitary Technique”

The participants themselves provide accommodation in the hotels of Termag or Bistrica.

Registration fee can be paid to the bank account of the Association for Water Technology, Bank Poštanska štedionica AD Beograd, number: 200-2710660101033-65, TIN 100066795, identification number 07025572.

PAYMENT INSTRUCTION

FIELD 32: CURRENCY	EUR
FIELD 56a: INTERMEDIARY INSTITUTION	DEUTSCHE BANK AG FRANKFURT SWIFT: DEUTDEFF
FIELD 57a: ACCOUNT WITH INSTITUTION	Banka Poštanska Štedionica a.d. 11000 BEOGRAD SWIFT: SBPORSBG
FIELD 59: BENEFICIARY CUSTOMER – NAME & ADDRESS	RS35200271066010100358 UTVSI Terazije 23/2 11020 Stari Grad-Beograd
DETAILS OF PAYMENTS / CHARGES	

Uplate za Republiku Srpsku:

Žiro račun Udruženja: "Vodovodi Republike Srpske":

5620070000400762 NLB Banka a.d. Banja Luka ili 5550020015879984
NOVA BANKA a.d. Banja Luka.

INSTRUKCIJA ZA USMERAVANJE DEVIZNIH SREDSTAVA

FIELD 59: BENEFICIARY CUSTOMER:	IBAN: BA395620078046244339 UDRUŽENJE "VODOVODI REPUBLIKE SRPSKE" NIKOLE TESLE 53 A 71123 I. SARAJEVO
FIELD 57: ACCOUNT WITH INSTITUTION:	SWIFT BIC: RAZBBA22 NLB Banka a.d. Milana Tepića br. 4, 78000 Banja Luka Bosnia and Herzegovina
ADDITIONAL INFORMATION FIELD 56: INTERMEDIARY INSTITUTION:	For following currency(ies): EUR, USD, AUD, CAD, CHF, DKK, GBP, HRK, HUF, JPY, NOK, SEK SWIFT BIC: LJBASL2X NOVA LJUBLJANSKA BANKA D.D. LJUBLJANA, SLOVENIA

Cene smeštaja u hotelu "Termag" su:

1. 1/1 sobe, pun pension – 84,60 EUR (165,00 KM)
2. 1/2, 1/3 sobe i apartmani, pun pension – 71,70 EUR (140,00 KM)

Kontakt telefon: 0038757/272-100, e-mail: info@termaghotel.com

Cene smeštaja u hotelu "Bistrica" su:

1. 1/1 sobe, pun pension – 40,40 EUR (79,00 KM)
2. 1/2 sobe, pun pension – 35,30 EUR (69,00 KM)

Kontakt telefon: 0038757/270-022, e-mail: prodaja@oc-jahorina.com

Napomena: Cene su po osobi po danu i cene ne uključuju boravišnu taksu i osiguranje koje iznose 2,50 KM po osobi i danu!

Učesnici sami obezbeđuju prevoz do Jahorine.

Payment to the Association: "Water Utilities of Republic of Srpska":

Bank account: 5620070000400762 NLB Banka a.d. Banja Luka or 5550020015879984 NOVA BANKA a.d. Banja Luka.

PAYMENT INSTRUCTION

Field 59: Beneficiary customer:	IBAN: BA395620078046244339 UDRUŽENJE "VODOVODI REPUBLIKE SRPSKE" NIKOLE TESLE 53 A 71123 I. SARAJEVO
Field 57: Account with institution:	SWIFT BIC: RAZBBA22 NLB Banka a.d. Milana Tepića br. 4, 78000 Banja Luka Bosnia and Herzegovina
ADDITIONAL INFORMATION Field 56: Intermediary institution:	For following currency(ies): EUR, USD, AUD, CAD, CHF, DKK, GBP, HRK, HUF, JPY, NOK, SEK SWIFT BIC: LJBASL2X NOVA LJUBLJANSKA BANKA D.D. LJUBLJANA, SLOVENIA

ACCOMODATION:

The hotel booking is to be done by Conference participants themselves in the hotel "Termag" or hotel "Bistrica".

Room rates in hotel Termag are:

1/1 room, full board – 84,60 EUR (165,00 KM)

1/2, 1/3 rooms and apartments, full board – 71,70 EUR (140,00 KM)

Contact Phone: 0038757/272-100, e-mail: info@termaghotel.com

Room rates in hotel Bistrica are:

1/1 room, full board – 40,40 EUR (79,00 KM)

1/2 room, full board – 35,30 EUR (69,00 KM)

Contact Phone: 0038757/270-022, e-mail: prodaja@oc-jahorina.com

Note: Rates apply per person and per day of stay and do not include tourist/city tax and insurance of 2.50 KM per person and per day.

Participants are responsible for organizing and paying their own travel costs to the venue of the Conference.

PRIJAVE ZA UČEŠĆE NA KONFERENCIJI
APPLICATION FOR PARTICIPATION IN THE CONFERENCE

faks: 00381 11 244 11 93 ili / or e-mail: office@utvsi.com

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

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Mob: 00381 64 813-15-26 Tomislav Slavković;
00381 60 606 99 22 Bojana Vranešević;
00381 64 165 85 79 Svetlana Đurica
E-mail: office@utvsi.com
www.utvsi.com

UDRUŽENJE: "VODOVODI REPUBLIKE SRPSKE"
ASSOCIATION: "WATER UTILITIES OF REPUBLIC OF SRPSKA"

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