

**CROATIAN INSTITUTE OF PUBLIC HEALTH AND  
COUNTY INSTITUTES OF PUBLIC HEALTH**

Under the auspices of the Minister of Health,  
Assoc. Prof. Vili Beroš, MD, PhD,

wish to announce the

XXV. SCIENTIFIC AND PROFESSIONAL CONFERENCE



## WATER AND PUBLIC WATER SUPPLY

**SECOND CIRCULAR**  
vijv.hzjz.hr



**October 5th-8th, 2021**  
**National Park**  
**„Plitvice Lakes“**

## INVITATION

We cordially invite you to the  
XXV. SCIENTIFIC AND PROFESSIONAL CONFERENCE

## WATER AND PUBLIC WATER SUPPLY

with the central theme:  
**MINERAL AND THERMAL WATERS**

Dear colleagues,

it is my honor and pleasure to invite you, before the Organizing Committee, to the jubilee 25th “Water and Public Water Supply” Scientific and Professional Conference.

As last year’s Conference was held virtually, we are especially pleased that this year’s Conference will be held at the Plitvice Lakes Jezero Hotel. After two years, we welcome the opportunity to exchange experiences, discuss professional topics, as well as deepen friendships and business cooperation through personal meetings in the beautiful surroundings of Plitvice.

This year’s conference is dedicated to mineral and thermal waters, our national riches and the focus of most of the papers to be presented, alongside other relevant water and public water supply-related issues.

We hope that you will accept the invitation, come and actively participate at the Conference, especially in the round table discussion, which concludes the working part of the Conference.

We are looking forward to seeing you at the Plitvice Lakes!

Magdalena Ujević Bošnjak, PhD, research associate  
*Chair of the Organizing and Scientific Committee*

## ORGANISING AND SCIENTIFIC COMMITTEE

### Organizing Committee:

Magdalena Ujević Bošnjak [Chair], Ružica Čanić [Vice-chairman], Damir Andabaka, Luka Basara, Marija Batinić Sernek, Hana Brborović, Željko Dadić, Matija Dvorski, Danijela Ivšinović, Pavle Jeličić, Mario Kobetić, Miro Macan, Milan Milošević, Domagoj Mosler, Iskra Alexandra Nola, Marija Pašalić, Želimir Pekaš, Marinko Pleština, Jasna Pucarín Cvetković, Helena Radić Bosanac, Ana Rapo, Jasmina Stilić Totić, Lubomir Surik, Milica Šimić, Jurica Štiglic, Vesna Tomac Vukanović, Đino Zmijarević, Ksenija Vitale, Valentina Zoretić-Rubes, Roko Žaja

### Scientific Committee:

Magdalena Ujević Bošnjak [Chair], Krunoslav Capak [Vice-chairman], Damir Andabaka, Staša Borović, Jasna Čačić, Josip Čurko, Željko Dadić, Željko Duić, Mirna Habuda-Stanić, Rea Janda, Ana Kovačić, Sandy Lovković, Tamara Marković, Marin Matošić, Jasna Nemčić Jurec, Ksenija Vitale, Darija Vukić Lušić

### Secretariat and contact:

Filip Gajšak, Croatian Institute of Public Health,  
Rockefellerova 7, 10000 Zagreb,  
Tel: 01 48 63 217,  
Fax: 01 46 83 009,  
e-mail: filip.gajsak@hzjz.hr

## REGISTRATION FOR CONFERENCE AND HOTEL

Accommodation of participants: Jezero Hotel, Plitvice Lakes NP  
Accommodation fee per participant during the Conference:  
Single room: HRK 1,680.00 [VAT included]  
Double room: HRK 1,020.00 [VAT included]  
Registrations for the Conference and for the hotel should be made via the Conference website: vijv.hzjz.hr.

## FEE AND BUSINESS PRESENTATIONS

**Registration fee:** HRK 1,120.00 + VAT

**Payment details:** CRO TRAVEL turistička agencija d.o.o. – Pehlin 23a – 51 000 Rijeka, Croatia, OIB: 55640712945

**Purpose of payment:** Registration fee– VIJV-2021 Conference, with indication of participant name  
Zagrebačka banka d.d., Trg bana Josipa Jelačića 10, 10000 Zagreb  
**IBAN:** HR 5823600001102908823,  
**SWIFT:** ZBAHR2X

All participants are required to pay the registration fee. Attendants from the business sector who wish to present their business are requested to pay the registration fee for all their members participating in the presentation. The organizer will provide an exhibition area upon prior request

## 5. 10. TUESDAY

Arrival of participants, registration and accommodation

18:00 Dinner

19:00 Grand opening

**Željko Dadić**

MINERAL WATERS IN CROATIA - HAVE WE DONE ENOUGH?

**Radovan Čepelak**

THERMOMINERAL WATERS IN THE FUNCTION OF HEALTH

**Želimir Pekaš**

MINERAL AND THERMAL WATERS IN WATER MANAGEMENT PLANS

## 6. 10. WEDNESDAY

09.00 - 09.15

**Darja Repnik, Vesna Viher Hrženjak**

MINERALS IN DRINKING WATER AND THEIR EFFECTS ON HUMAN HEALTH

9:15- 9:30

**Marin Matošić, Josip Ćurko, Vlado Crnek, Lucija Surać, Marija Gregov**

USE AND APPROVAL OF TREATMENT OF NATURAL MINERAL AND NATURAL SPRING WATER

9:30 - 9:45

**Magdalena Ujević Bošnjak, Jurica Štiglić, Filip Tomljenović, Emanuela Jaguš, Filip Gajšak, Ljilja Škarica, Anamarija Penović**  
CHARACTERISTICS OF CROATIAN MINERAL AND SPRING WATERS WITH REFERENCE TO THE UNREGULATED PARAMETERS

9:45 - 10:00

**Ana Kovačić, Tatjana Puljak, Mirna Mamić, Tina Dumanić, Jasna Hrenović**  
SURVIVAL OF BACTERIA IN NATURAL MINERAL AND SPRING WATER

10:00 - 10:15

**Jurica Štiglić, Filip Tomljenović, Magdalena Ujević Bošnjak**  
DETERMINATION OF ODOR COMPOUNDS IN MINERAL AND SPRING WATERS ON THE CROATIAN MARKET

10:15 - 10:30

**Ivančica Kovaček, Ivona Majić, Vesna Šušnjara, Zdenko Mlinar, Ksenija Findrik, Ana Vasiljević, Vesna Bogdan**

TESTING OF NAPHTHALENE ACCORDING TO MICROBIOLOGICAL INDICATORS

10:30 - 11:00 BREAK

11:00 -11:15

**Vanda Piškur, Darija Vukić Lušić, Josip Rubinić, Arijana Cenov, Sanja Živković**  
STREAM LEŠNJAK - FROM ANCIENT THERMAL BATHS TO THE PRESENT DAYS

11:15-11:30

**Ankica Senta Marić, Radovan Čepelak, Damir Andabaka,**  
IODINE WATERS IN CROATIA AND THE POSSIBILITY OF THEIR APPLICATION IN BALNEOLOGY

11:30 - 11:45

**Jasna Nemčić-Jurec**  
CHARACTERISTICS OF THERMAL WATER IN RECREATIONAL SWIMMING POOLS: A PERSPECTIVE AND SUSTAINABILITY

11:45 - 12:00

**Davor Ljubas, Hrvoje Juretić**  
PROBLEMS IN THE TREATMENT OF THERMAL AND MINERAL WATERS USED AS CURATIVE WATERS

12:00 - 12:15

**Damir Andabaka, Rea Janda, Ankica Senta Marić, Radovan Čepelak**  
THE FUTURE OF A THERMOMINERAL WATER SPA

12:15 -12:30

**Mirna Habuda-Stanić, Hrvoje Sučić, Vera Santo, Danijela Bezik, Snježana Benkotić**  
BIZOVAC THERMAL SPA- HEALING WATER IN THE HEART OF SLAVONIA

12:30 - 14:00 NOON PAUSE

14:00 - 14:15

**Marija Gregov, Davor Valinger, Josip Ćurko, Marin Matošić**  
DESIGN OF EXPERIMENT AND WATER TREATMENT PROCESS OPTIMIZATION

14:15 - 14:30

**Nikolina Novotni-Horčička, Bojana Peršić Kunić**  
PUBLIC DRINKING WATER TAPS IN THE AREA OF VARAŽDIN REGIONAL WATER SUPPLY

14:30 - 14:45

**Livia Kurajica, Magdalena Ujević Bošnjak, Jurica Štiglić**  
CORROSIVE PIPE SCALES: CHARACTERIZATION AND METAL IONS RELEASE

14:45 - 15:00

**Mirna Habuda-Stanić, Blaženka Jureta, Jasna Kopic, Branimir Cindrić**  
QUALITY AND WATER TREATMENT IN THE WATER SUPPLY SYSTEM OF THE TOWN OF VINKOVCI

15:00 -15:15

**Rea Janda, Damir Andabaka, Ksenija Vitale**  
BENEFITS OF CHLORINE DISINFECTION OF CHEMICALLY CONTAMINATED WATER

15:15 - 15:30

**Ana Rapo**  
WATER SUPPLY OF KORENICA AND PLITVICE AREAS

## POSTERS

**Srebrenka Vidović, Darko Kordovan**  
MAINTENANCE OF WSP - EXPERIENCES IN PRACTICE

**Antonija Kovačević, Ivana Majcenović, Nikolina Cibin, Marina Hublin**  
WATER HARDNESS IN ZAGREB COUNTY

**Bernardo Marciuš, Anica Benutić**  
METHOD DEVELOPMENT FOR BROMATE AND BROMIDE DETERMINATION IN DIFFERENT WATER MATRICES USING HIGH PERFORMANCE LIQUID CHROMATOGRAPHY HYPHENATED TO INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY

15:30 - 16:00 BREAK

16:00 - 17:30 **ROUND TABLE**

19:00 DINNER

## 7. 10. THURSDAY

Expert tour in the vicinity of Plitvice Lakes

## 8. 10. FRIDAY

Breakfast / Have a safe trip back and see you next year!

In keeping with the latest epidemiological measures, physical participation at the Scientific and Professional Conference will only be allowed upon presentation of one of the following:

- certificate of COVID vaccination with two doses;
- certificate of a past COVID infection backdating a maximum of 180 days;
- a negative PCR-test not older than 48 hours on the day of arrival