

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

Under the Auspice of Minister of Health, Assoc.
Prof. Vili Beroš, MD, PhD,
are organising

XXVII. SCIENTIFIC AND PROFESSIONAL CONFERENCE



WATER AND PUBLIC WATER SUPPLY

We hereby invite you to the
XXVII. SCIENTIFIC AND PROFESSIONAL CONFERENCE

WATER AND PUBLIC WATER SUPPLY

with the central theme:

WATER DISTRIBUTION NETWORK: CHALLENGES AND OPPORTUNITIES

SECOND CIRCULAR
vijv.hzjz.hr



03 - 06 October 2023
Hotel Lišanj
Novi Vinodolski

ORGANISING AND SCIENTIFIC COMMITTEE

Organising Committee:

Magdalena Ujević Bošnjak (predsjednica), Željko Linšak (potpredsjednik), Damir Andabaka, Katica Boban, Aleksandar Bulog, Tatjana Burić, Željko Dadić, Marin Glad, Ivan Halkijević, Pavle Jeličić, Ante Maretić, Ante Milat, Marija Pašalić, Vanda Piškur, Jurica Štiglić, Igor Uremović, Darija Vukić Lušić, Đino Zmijarević, Valentina Zoretić-Rubes.

Scientific Committee:

Magdalena Ujević Bošnjak (predsjednica), Krunoslav Capak (potpredsjednik), Josip Ćurko, Željko Dadić, Mirna Habuda-Stanić, Ana Kovačić, Davor Ljubas, Marin Matošić, Jasna Nemčić Jurec, Vedran Poljak, Sonja Tolić, Darija Vukić Lušić.

Secretariat and contact:

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

REGISTRATION FOR CONFERENCE AND HOTEL

Accommodation of participants: Hotel Lišanj, Novi Vinodolski
Accommodation fee per participant during the Conference:
Single room: EUR 296.00 [VAT included]
Double room: EUR 246.00 [VAT included]
Registrations for the Conference and the hotel made via
the Conference website: vijv.hzjz.hr.

FEE AND BUSINESS PRESENTATIONS

Registration fee: 190,00 EUR [VAT included]
Payment details: CRO TRAVEL turistička agencija d.o.o., Pehlin 23a,
51 000 Rijeka, Hrvatska, OIB: 55640712945
Purpose of Payment: Uplata kotizacije – Skup VIJV-2023, ime i prezime
sudionika, Zagrebačka banka d.d., Trg bana Josipa Jelačića 10, 10000
Zagreb
IBAN: HR 5823600001102908823
SWIFT: ZABHR2X

All participants should pay the registration fee. Attendants from
the business sector who wish to present their business, pay the
registration fee for all members participating in the presentation.
The organiser provides an exhibition space with prior notification.

CONTACT:

Mirna Krešić, dipl. oec.
CRO TRAVEL turistička agencija d.o.o. – Pehlin 23a – Rijeka
mirna.crotravel@gmail.com

AGENDA XXVII. SCIENTIFIC AND PROFESSIONAL CONFERENCE

03 Oct TUESDAY

Arrival of participants, registration and accommodation

18:00 . Dinner

19:30 Opening ceremony

Ivan Halkijević

INFLUENCE OF THE EARTHQUAKE ON THE WATER
SUPPLY NETWORK

04 Oct WEDNESDAY

09.00 – 09.30

Husband S., Boxall J.

UNDERSTANDING AND MANAGING WATER QUALITY
PROCESSES IN DISTRIBUTION SYSTEMS

9:30- 9:45

Zoretić Rubes, V., Pašalić M

NEW LEGISLATIVE FRAMEWORK IN THE AREA OF
WATER FOR HUMAN CONSUMPTION

9:45 – 10:00

Kovačić A., Puljak T., Mirna Mamić M.

HETEROTROPHIC BACTERIA AS INDICATORS OF
PROBLEMS IN THE WATER SUPPLY NETWORK

10:00 – 10:15

Jambrošić K., Glumac N., Kolenić N., Stanković A.,
Smolković B.

APPLICATION OF LUMINOMETER IN MICROBIOLOGI-
CAL WATER ANALYSIS

10.15 – 10.30

Jadrušić, M., Vuković M., Griles D., Lakić M.

ANALYSIS OF *LEGIONELLA PNEUMOPHILA* IN KARST
SPRINGS AND IN THE WATER SUPPLY NETWORK

10:30 – 10:45

Štiglić J., Novak J., Ujević Bošnjak M.

MICROBIOLOGICAL ANALYSIS VERSUS AMPLICON
METAGENOMIC ANALYSIS OF PATHOGENS IN WATER
FOR HUMAN CONSUMPTION

10.45 – 11.00

Nikolina Novotni-Horčička N., Marković T., Karlović I., Kovač I.

APPLICATION OF STABLE ISOTOPES AND CHEMICAL PARAMETERS TO DETERMINE WATER PORTIONS FROM WATER SOURCES IN WATER SUPPLY SYSTEM

11.00 – 11.30 **COFFEE BREAK**

11.30 – 11.45

Tomas D.

REQUIREMENTS OF THE DIRECTIVE ON THE QUALITY OF WATER INTENDED FOR HUMAN CONSUMPTION (RECAST)

11.45 – 12.00

Rotim, K., Šajnović I., Čurko J., Prskalo H., Šušić I., Gajšak F., Trumbetić I., Ujević Bošnjak M.

ANALYSIS OF WATER FROM PUBLIC TAPS IN THE CITY OF ZAGREB

12.00 – 12.15

Andabaka D., Senta Marić A., Čepelak R., Šafranić B., Kereta B. STATE OF WATER SUPPLY INFRASTRUCTURE IN THE REPUBLIC OF CROATIA FOR THE PERIOD 2002-2022.

12.15 – 12.30

Piškur V., Vukić Lušić D., Bastijanić M., Živković S., Cenov A., Šimić R., Glad M.

WATER SUPPLY CHALLENGES IN THE AREA CITY OF ČABAR

12.30 – 12.45

Goričanec V., Antičević M., Sviben M., Beck R., Gagović E., Šimunović V., Ujević Bošnjak M.

PRELIMINARY RESULTS OF THE DETERMINATION OF *CRYPTOSPORIDIUM* AND *GIARDIA* IN WATER FOR HUMAN CONSUMPTION IN THE REPUBLIC OF CROATIA

12.45 – 13.00

Damir Ruk D., Horvat I., Nemčić Jurec J., Kovač I. SEISMIC EFFECTS ON GROUNDWATER

13:00 - 14:30 **BREAK**

14.30 – 14.45

Vukić Lušić D., Cenov A., Glad M., Piškur V., Sučić N., Peranić Mehanović T., Jerinić L., Lušić D., Tomić Linšak D., Linšak Ž.

SURVEILLANCE OF *Legionella spp.* AND MICROBIOLOGICAL SAFETY OF POOL WATER IN PRIMORSKO GORANSKA COUNTY

14.45 – 15.00

Bezik D., Babić H., Ružkan I., Petrovický Šveiger B., Kralj M., Marković T., Toth L., Sučić H., Benkotić S.

HALOACETIC ACIDS IN SWIMMING POOL WATERS OF OSIJEK-BARANJA AND VUKOVAR-SRIJEM COUNTIES

15.00 – 15.15

Grozđanić O., Cindrić A.M., Finderle I., Omanović O.

DISTRIBUTION OF TRACE METALS, BIOAVAILABLE FRACTION DETERMINATION AND RISK ASSESSMENT IN A MARINE ENVIRONMENT UNDER LONG-TERM INDUSTRIAL INFLUENCE

15.15 – 15.30

Dvorski M., Vitale K., Andabaka D., Nola I.A., Pucarini Cvetković J., Likić R., Vinković Vrček I.

PLASTIC NANOPARTICLES IN DRINKING WATER

15.30 – 16.30

Workshop: UNDERSTANDING DISTRIBUTION SYSTEM BEHAVIOUR FROM TURBIDITY TIME-SERIES DATA AND SIMPLE TOOLS TO CREATE EFFECTIVE LONG-TERM OPERATING PLANS.

Chair: Dr Stewart Husband

POSTER:

Josipović R., Pavlić Z., Deanković D.

PROBLEMS IN THE WATER SUPPLY SYSTEM IN THE CITY OF SLAVONSKI BROD

16.30 – 17.00 **COFFEE BREAK**

17:00 – 18:00 **ROUND TABLE**

20:00 Dinner

05 Oct THURSDAY

Professional tour of the Novi Vinodolski area

06 Oct FRIDAY

Breakfast / Have a safe trip and farewell until next year!

ABOUT WORKSHOP

Title

Understanding distribution system behaviour from turbidity time-series data and simple tools to create effective long-term operating plans

Description

In this interactive workshop we will look at flow and turbidity data from real networks to understand the causes of discolouration. Using simple free to use on-line tools we will investigate the behaviour and create plans to operate the network minimising future water quality risks.

Requirements

Laptop and internet access (www.PODDS.co.uk)
Turbidity.csv [the document will be distributed to the participants]

Chair

Dr Stewart Husband, Department of Civil & Structural engineering, University of Sheffield, UK
Contact: s.husband@sheffield.ac.uk

Registration

Registration for the workshop is done on the website of the Conference by filling out the application form: <https://vijv.hzjz.hr/registracija-kotizacija/>
In the application form, in addition to other questions, it is necessary to answer the question about participation in the workshop. Participants who have already registered can update their answers.

