

12th Eastern European Young Water Professionals Conference



Call for Papers

WATER RESEARCH AND INNOVATIONS IN DIGITAL ERA

19-22 May 2020, Riga, Latvia

<http://iwa-ywp.eu/>



Organised by:



the international
water association



**Riga Technical
University**



Riga Technical University
Water Research
Laboratory



Riga Technical University
Department of Water
Engineering and
Technology

Co-organised by:



University of Latvia



Latvia University of Life
Sciences and Technologies



Institute for Environmental
Solutions



Institute of Food Safety, Animal
Health and Environment



Latvian Environment, Geology
and Meteorology Centre



Latvian Water and
Wastewater Works Association



Tallinn University of Technology
Department of Civil Engineering
and Architecture



Vilnius Gedeminas Technical
University



Ministry of Agriculture Republic
of Latvia



Ministry of Environmental
Protection and Regional
Development Republic of Latvia



Ministry of Education and
Science Republic of Latvia



Dear colleagues - young professionals of the water sector,

In 2020 we organise our 12th Eastern European IWA YWP Conference for Young Water Professionals, this conference will take place in the pearl of the Baltic sea - Riga!

For this conference, with a title Innovations in Water Sector we have prepared [following program](#):

- Two days will be dedicated to scientific presentations. This part of the conference will take place in Riga Technical University. Also this year we would like to give more opportunities for YWPs who would like to prepare an oral presentations. So we proceed with a concept: two parallel sessions will run at the same time, one focusing on water management, another on water treatment technologies; however coffee breaks and lunch will take place in one common area to support networking between YWPs. Moreover, there will be long and short type of presentation: 10 minutes for a standard presentation and 3 minutes for a short presentation plus poster. We believe that in this way we help YWPs successfully apply for financial support, as for most of the countries a poster presentation is not sufficient reason to travel abroad.
- An extended social program which will take part during the conference days: dinners, meetings, technical and cultural tours and more!

[Moreover in 2020:](#)

- The extended abstracts will be included into the Book of Extended Abstracts with an ISBN
- The full publications will be included into the IWA Conference Proceedings
- The selected papers will be published in the Journals of IWA with high ISI index after an additional review (Water Research ISI 5.323, Water Science and Technology ISI 1.106, Journal of Water Supply: Research & Technology - Aqua ISI 0.843, Water Science & Technology: Water Supply ISI 0.394, more info on the IWA website).

Find more info on our website <http://iwa-ywp.eu/>

The Organising Team will help you to obtain a visa if it will be needed. As during the last years, we have a reduced registration fee for the young water professionals coming from low-income countries; additional reduction is foreseen for IWA members.

“During the last 10 years we became an IWA family...”, this comment I have heard so many times during our last conference in Prague. And I would like to invite You to be part of it! Use this chance to join our international network of young water professionals.

Hope to see you soon in Riga!



Dr. Maryna Feierabend
IWA Fellow
Chair - Organising Team

Dear Young Water Professionals and Friends,

On behalf of Riga Technical University, I welcome 12th IWA Eastern European Young Water Professionals Conference in Riga, Latvia. We are pleased that RTU is privileged to host the young water scientists for the first time in our country, thus promoting knowledge about water and the environment in the region. We also are eager to show our country achievements in science and education as well as our rich culture and history.

In fact, Latvia has long roots in water management. The first water supply system in Riga was built as early as in the 17th century when the city was one of the leading trading centres in the Baltic Sea region. The long traditions in taking good care of our natural resources including water have probably been one of the reasons why “green living” is practiced by many Latvians nowadays.

Latvia is rich in water resources. Groundwater aquifers alone are sufficient to provide a sustainable water supply for the country. However, we also face some problems such as aging of drinking water supply infrastructure, thus water quality deterioration in distribution networks and risks with emerging substance in wastewaters. Climate change with increasing frequency of floods is another challenge for water management in cities.



The water research community in Latvia is very active locally and internationally. They work with water companies to solve their practical problems but also are engaged in many international research projects, such as industrial wastewater treatment around the Baltics sea.

Our university has always valued cooperation because it allows science to create more impact. So, I am sure by bringing together young scientists at an early stage at this conference will provide new avenues for working together in future.

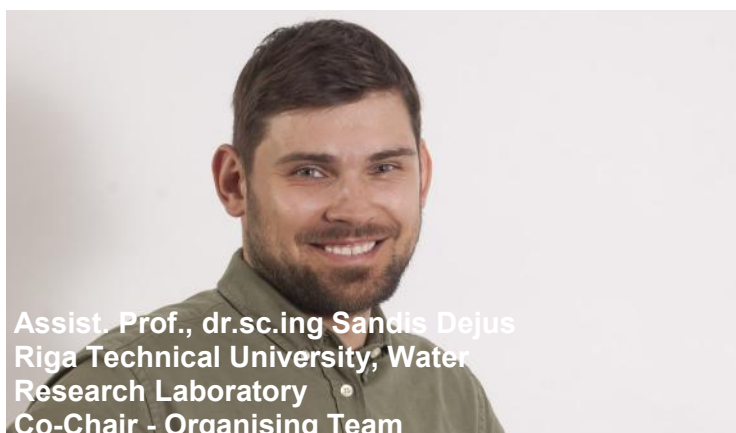
Dear Young Water Professionals and colleagues from the water sector,

It is a huge pleasure to host the 12th IWA Eastern European Young Water Professionals Conference in Riga, Latvia. I am honored to finally assemble Eastern European Young Water Professional commune in my hometown Riga to have an inspiring and creative time together.

Due to the growth of the population and urbanization all over the world, there are considerable challenges what the water sector will face in the future. Therefore, this conference is a great opportunity to meet young, active and innovative people who deal with similar challenges within the water sector. In terms of conference, an interdisciplinary and international collaboration will be developed to improve the overall knowledge and get new insight in recent researches.

To address the lack of new professionals that water sector is dealing last decade, this conference is a great possibility to spread the word on the uniqueness, importance, and future of professionals who are dealing with the most various problems related to water and wastewater.

Therefore, I warmly welcome you to take a part in this 12th IWA Eastern European Young Water Professionals Conference in Riga to expand not only your personal knowledge but also the overall significance of water sector and especially the role of young people to be part of this industry.



The young water professionals are the foundation of growing and wealthy society in future.

Lets put the water flame for a bright future!

See you in Riga!

Main topics of the conference

- Innovations in water/wastewater treatment
- Innovative sampling and monitoring strategies
- Overcoming inappropriate influent C:N:P ratios through cost-effective wastewater treatment technologies
- Adaptation specialties of technologies successfully applied in other regions
- Specialties of industrial wastewater treatment
- Pharmaceutical wastewater treatment
- Mathematical modeling, simulation studies
- Issues and challenges in water loss management
- Energy efficiency
- Impacts of climate change
- Lake ecosystems
- Flood hazard and risk
- Other water related topics

Important Information

Participants

Young Water Professionals (< 35 years old)

Duration of the conference

19-20 May 2020 - Workshops

21-22 May 2020 - Scientific sessions

Location

Riga Technical University, Campus in Kipsala
Faculty of Power and Electrical Engineering
12/1 Azenes Street, Riga

Registration fee

Participants from low-income countries:

IWA members - 120 Euro

Non IWA members - 150 Euro

Participants from high-income countries:

IWA members - 220 Euro

Non IWA members - 270 Euro

Please find the file with a list of high- and low-income countries on our website. Registration fee includes participation in the conference sessions, conference proceedings, coffee-breaks and lunch. And it does not include additional workshops, dinners, tours, transportation, accommodation, visa, insurance. For more info please see our website.

Key Dates

1st October 2019 - Call for Papers opens

1st January 2020 - Deadline of abstracts submission

1st March 2020 - Registration opens

1st March 2020 - Notification of acceptance

1st April 2020 - Deadline of full papers submission

1st May 2019 - Registration closes

Procedure for Submission

Several types of participation will be possible:

1. Platform presentation
2. Short platform presentation + poster
3. Without presentation (audience)
4. Publishing of papers without presence at the conference

Extended abstracts of papers should be written in English, and prepared according to the template, please find on our website <http://iwa-ywp.eu/>

Extended abstracts should be submitted using our website <http://iwa-ywp.eu/> : Abstracts Submission

Submissions are welcome from **1st October 2019** and must be received before **1st January 2020**.

On the basis of the submitted extended abstracts, a review will be undertaken to select the best papers for oral presentation or poster presentation. Notification of acceptance will be sent before **1st March 2020**.

All selected extended abstracts will be published in the proceedings with an ISBN (which allows you to gain points).

If your extended abstract was selected you can also prepare an 8-page full paper which will be included to the conference proceedings and send to IWA publishing office. The full paper must be submitted using website <http://iwa-ywp.eu/> : Full Papers Submission

For the guidelines on formatting the abstracts and the full papers and other information about this conference refer to our website <http://iwa-ywp.eu/>

Deadline for submission of full manuscripts is **1st April 2020**.

At least one author of each selected paper must register. Authors must bear their own costs (registration fee, travel, accommodation, etc.) to attend this conference.

The papers will be additionally reviewed by IWA and published in the journals: Water Science and Technology and Water Science and Technology: Water Supply, and other.

Invitation (invitation for EU VISA)

Personal invitation will be provided on request by the chair of the Organising Team -

Maryna Feierabend: iwa.ywp.2020@gmail.com

Preliminary Conference Program

19-20 MAY 2020

10:00 - 17:00 TECHNICAL TOUR & WORKSHOPS

We will start with several practical workshops, some of topics: modeling course, new measurements techniques and instruments for monitoring of WWTP, new process solutions and calculations, but also workshops to improve your soft skills: how to publish, how to present.

Technical tour to the WWTP or WTP of Riga will take place on this day.

17:00 - 20:00 PRELIMINARY REGISTRATION & WELCOME SESSION / DRINK

20:00 - 22:00 TOUR TO THE OLD CITY OF RIGA WITH LOCAL YWPS



21-22 MAY 2020

8:00 – 9:30 REGISTRATION OF PARTICIPANTS, CONFERENCE OPENING

9:30 – 10:00 PRESENTATIONS OF SPONSORS

10:00 – 17:00 2 PARALLEL SESSIONS WITH PRESENTATIONS

19:00 – 23:00 GALA DINNER

These 2 days will be dedicated to scientific presentations. Also in 2020 we would like to give more opportunities for YWPs who would like to prepare an oral presentations. So we will organise: two parallel sessions which will run at the same time. Moreover there will be long and short type of presentation: 10 minutes for a standard presentation and 3 minutes for a short presentation, the short presentations will be completed by a poster.



23 MAY 2020

10:00 – 14:00 CITY TOUR

The social program which will take part during the conference days (dinners, meetings, etc.) will be finalised by a city tour.



Organising Team

Chair: Dr. Feierabend M. (IWA YWP, Germany)

Co-Chair: Dr. Dejus S. (Riga Technical University, Latvia)

Team members:

- Dr. Lavrić S. (University of Bologna, Italy/Serbia)
- Ibrahimllari A. (IWA YWP Program, Albania)
- Odud L. (Rivne Regional Water Supply Company, Ukraine)
- Dr. Schilling K. (IAWD – Danube Water Program, Austria)
- Dalecka B. (Riga Technical University/KTH, Latvia/Sweden)
- Sebestyén É. (UTB Envirotec Ltd., Hungary)
- Dr. Petrovic M. (University of Novi Sad, Serbia)
- Šabić Runjavec M. (University of Zagreb, Croatia)
- Filipic A. (National Institute of Biology, Slovenia)
- Ciepliński J. (Cracow University of Technology, Poland)
- Dr. Nuić I. (University of Split, Faculty of Chemistry and Technology, Croatia)
- Ikizoglu Z. R. (Tübitak Marmara Research Center, Turkey)
- Lavrinovics A. (Riga Technical University/Institute for Environmental Solutions, Latvia)
- Zemite M. (Riga Technical University, Latvia)
- Zakhar R. (Slovak University of Technology, Slovakia)
- Intriago J.C. (Delft University of Technology, The Netherlands)
- Kaljunen J. (Aalto University Water Laboratory, Finland)
- Denisova V. (Riga Technical University, Latvia)
- Alekseev D. (Organising Partner, Russia)

Programme Team

Chair: Prof. Juhna T. (Riga Technical University, Latvia)

Co-Chair: Prof. Jobbágy A. (Budapest University of Technology & Economic, Hungary)

Team members:

- Prof. Wanner J. (University of Chemistry and Technology, Prague, Czech Republic)
- Mr. Förster G. (Metito China Holdings, China)
- Dr. Vasyukova E. (WTE, Germany)
- Prof. Makinia J. (Gdansk University of Technology, Poland)
- Dr. Wójtowicz P. (Savonia University of Applied Science, Finland)
- Dr. Szlachta M. (Wrocław University of Science and Technology, Poland)
- Dr. Bakos V. (Budapest University of Technology and Economics, Hungary)
- Dr. Novytska O. (National University of Water and Environmental Engineering, Ukraine)
- Dr. Rudic Z. (Institute for the Development of Water Resources "Jaroslav Cerni", Serbia)
- Dr. Çelebi A. (Sakarya University, Turkey)
- Dr. Drewnowski J. (Gdansk University of Technology, Poland)
- Dr. Langone M. (University of Trento, Italy)
- Dr. Srb M. (Pražské vodovody a kanalizace, a.s., Czech Republic)
- Assoc. Prof. Dr. Mezule L. (Riga Technical University, Latvia)
- Assoc. Prof. Dr. Tihomirova K. (Riga Technical University, Latvia)
- Assoc. Prof. Dr. Rubulis J. (Riga Technical University, Latvia)

Sponsors



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10th Eastern European IWA YWP in Zagreb, Croatia - May



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