9th Eastern European Young Water Professionals Conference

the international water association

Call for Papers

Uniting Europe for Clean Water:

Cross-Border Cooperations of Old, New and Candidate Countries of EU, for identifying problems, finding causes and solutions

24-27 May 2017 Budapest, Hungary

http://iwa-ywp.eu/

Organised by:

IWA YOUNG WATER PROFESSIONALS
the international water association

MŰEGYETEM 1782
Budapest University of Technology and Economics

Co-organised by:

MaVíz Hungarian Water Utility Association

Szent István University

hwa Hungarian Water Association

Hungarian Water Cluster

Budapest Waterworks

YOUNG WATER PROFESSIONALS

Dear colleagues - young professionals of the water sector,

In 2017 we are going to meet again in one of Europe's most beautiful cities - Budapest!

The conference in Budapest (Hungary) will be the 9th event organised by IWA for European Young Water Professionals. More than 1000 YWPs from 55 countries participated in our 8 previous conferences: Minsk - 2009, Moscow - 2010, Almaty - 2011, St. Petersburg - 2012, Kiev - 2013, Istanbul - 2014, Belgrade - 2015 and Gdansk 2016.

New in 2017:

- The extended abstracts will be included into the Proceedings book 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 (Water Science and Technology ISI 1.106, Water Research ISI 5.323, Journal of Water Supply: Research &Technology - Aqua ISI 0.843, Water Science & Technology: Water Supply ISI 0.394, more info on the IWA website
- Free webinars will be organised for YWPs before the conference.

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

Budapest is not only a beautiful historic city but also easily accessible. The Organising Committee will help you to obtain a visa if it will be needed. Moreover for young water professionals coming from low-income countries we have a reduced registration fee; additional reduction is foreseen for IWA members.

Dr. Maryna Feierabend
IWA Fellow
Chair - Organising Committee

Many of you who participated in the 8 previous IWA conferences already know that conference topics have a high level of scientific interest. Coffee -breaks and lunch-breaks are long enough to give young water professionals an opportunity to exchange ideas and build network.

Use this chance to join our international network of young water professionals.

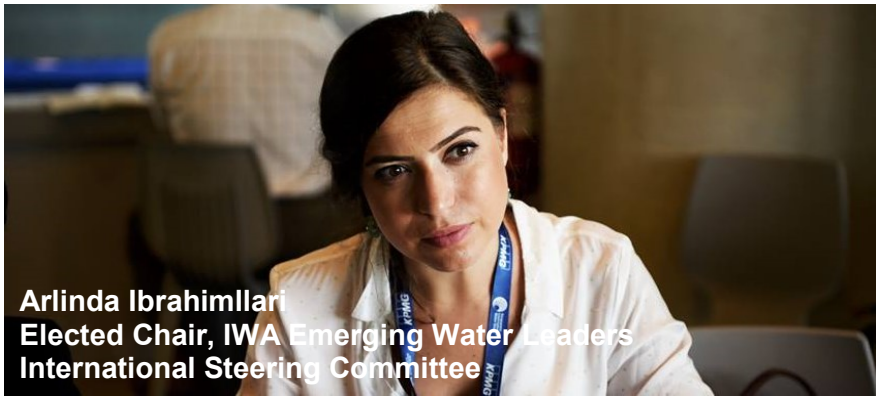
See you soon in Budapest!

It gives me great pleasure to welcome all you to the 9th IWA Eastern European Conference in Budapest, Hungary. As the new Chair of the IWA YWPs Steering Committee, I would like to invite all of you this year to give an overview about EU transboundary water projects in the European Union. The importance of the water sector has been reflected in the EU's environment and development policies such as the Water Framework Directive. This requires the Member States to achieve "good ecological status" for all river basin bodies of water.

But water stress affects one third of the entire EU territory all year round and the frequency and intensity of droughts and their environmental and economic damages appear to have increased over the past thirty years. Water scarcity is expected to affect in 2030 about half of the EU river basin, threatening not only the Eastern Europe and the Balkans but also the Western Europe.

Against projected population growth, economic development and climate change, preventing deterioration in the status of our United European waters are a priority. Water projects are therefore key drivers to support environmental protection and sustainable communities.

Let's meet together in the beautiful city of Budapest to learn about new exciting projects which will contribute to the vision of a United Europe and see how much progress has been made in water protection in Europe.

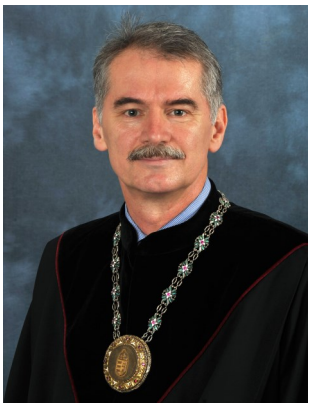


Arlinda Ibrahimllari
Elected Chair, IWA Emerging Water Leaders International Steering Committee

I personally look forward to meeting many interesting YWPs, exchange ideas in a pleasant setting of one of the "World Heritage Sites" of Europe, create new possibilities for networking and cooperation in the future, and of course visit wonderful places of the fascinating City of Budapest.

Dear Young and Senior Water Professionals,

As the head of the host institution, Budapest University of Technology and Economics, and the honorary patron of the 9th IWA Eastern European YWPs Conference, I cordially invite you to come to Budapest and attend this conference. Budapest University of Technology and Economics is the largest technical university in Hungary, including and coordinating eight faculties (Civil Engineering, Mechanical Engineering, Architecture, Chemical Engineering and Bioengineering, Electrical Engineering and Informatics, Transportation Engineering and Vehicle Engineering, Natural Sciences, Economic and Social Sciences). One of our most important education and research field is water sciences. Both Hungarian and foreign students attend these courses, and we have leading scientists known worldwide. Our University regularly hosts national and international conferences ensuring excellent conditions for both professional and personal meetings.
I am looking forward to welcoming you in our campus!



Prof. János Józsa
Head of Budapest University of Technology and Economics

Dear Young Colleagues,
To be young is awesome: good looking by nature, energetic, and eager to gain new experiences. However, this is a fleeting and temporary condition, especially if it is strictly connected to age. Don`t be sad about approaching “senior level” of 36. Youth may not have to be over if you continue to be curious about your environment and the world you live in. Cross-border cooperation is an excellent opportunity to discover new areas, gain knowledge, and make friends. To find differences may be even more interesting than identify similarities, both in people`s customs and in technical conditions, like quality of water resources, temperature or wastewater to be treated. Cooperation will allow us to find out causes of possible differences together, in a team where knowledge may be different due to different educational backgrounds and experience, but overlapping for mutual understanding. These experiences bring about optimal technological solutions reflecting the specific conditions, possibly different from site to site, to everyone`s joy and satisfaction.
Let`s discuss the possibilities also with senior water professionals, welcome to wonderful Budapest!

Prof. Andrea Jobbágy
Budapest University of Technology and Economics
Chair – International Program Committee

Dear Young Water Professionals, Dear Colleagues in water sector,
I am sending my invitation to you from the picturesque town of Budapest occupying both banks of river Danube with around 80 geothermal springs and the world’s largest thermal water cave system. From the time of the Roman Empire the main attraction of my hometown has been water inviting people to settle down and keep their families and households close to the springs of life.
Water and professional life connect us, water professionals to each other: we have similar interests, all coming from the water sector but all of us can creatively paint a unique dash of colour and take part personally in shaping our future by uniting them into a single giant picture. Being young is not a merit but a great opportunity. Particular chance for deploying our talents and skills, for taking advantage of our enthusiasm, for meeting each other and building up good cooperation, for learning, picking up knowledge and useful advice of wise senior professionals, and at last but not least for keeping ourselves young.
My particular warm invitation is hereby addressed to the senior colleagues as well who have been young for a long while: your presence guides us, puts our attention in perspective and supports our motivation to fruitful future purposes.
Conferences are particular events for getting known each other, sharing experiences, multiplying our power and opportunity, helping each other to grow, renew and to keep ourselves youthful. This Conference will be a great chance for seeing us again, meeting new people: sharing the water drops of our professional and personal “springs of life” in sparkling atmosphere. Water is all around here. Your colleagues will be here. What about you?

Vince Bakos
IWA YWP Member
Budapest University of Technology and Economics
Co-Chair - Organising Committee

YOUNG WATER PROFESSIONALS

Main topics of the conference

- Tendencies in water and wastewater qualities
- Innovative sampling and monitoring strategies
- New technologies in water and wastewater treatment
- 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
- Mathematical modelling, simulation studies
- Hydrodynamical studies
- 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
24-27 May 2017 (4 days)

Location
Budapest University of Technology and Economics, Hungary, University Ceremony Hall

Registration fee
Participants from low-income countries:
IWA members - 100 Euro
Non IWA members - 130 Euro
Participants from high-income countries:
IWA members - 200 Euro
Non IWA members - 250 Euro

Please find the file with a list of high- and low-income countries on our website. Registration fee includes participation, conference proceedings, coffee-breaks and lunch. And it does not include transportation, accommodation, visa, insurance.

For all questions: iwa.ywp.2017@gmail.com

Key Dates (Conference)

1st December 2016 - Registration opens

1st January 2017 - Deadline of abstracts submission

1st March 2017 - Notification of acceptance

1st April 2017 - Submission of full paper

1st April 2017 - Registration closes

Procedure for Submission

Several types of participation will be possible:

1. Platform presentation
2. Poster presentation
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 send via e-mail to Maryna Feierabend - Chair of the Organising Committee: iwa.ywp.2017@gmail.com

Submissions are welcome from **1st November 2016** and must be received before **1st January 2017.**

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 2017.**

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 manuscript which will be included to the conference proceedings and send to IWA publishing office. The full paper must be submitted to the Organising Committee e-mail : iwa.ywp.2017@gmail.com

For the guidelines on formatting the full manuscript and to find out more information about this conference refer to our website http://iwa-ywp.eu/

Deadline for submission of full manuscripts is **1st April 2017.**

At least one author of each selected paper must register and attend the conference to present the paper (poster or platform presentation). 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.

Invitation (invitation for EU VISA)
Personal invitation will be provided on request by the chair of the Organising Committee - Maryna Feierabend: iwa.ywp.2017@gmail.com

Preliminary Conference Program

WEDNESDAY - 24 MAY 2017

13:00 - 16:00 **TECHNICAL TOUR**

During technical tour you can visit the Budapest Central Wastewater Treatment Plant on the Csepel Island, one of Europe's most up to date facility was completed, which started its operation in 2010. The next destination will be the Budapest Drinking Water Plant, providing more 1.6 Mio. Budapest inhabitants with fresh water.

17:00 – 18:00 **PRELIMINARY REGISTRATION OF PARTICIPANTS**

Budapest University of Technology and Economics, Hungary

18:00 – 20:00 **WELCOME RECEPTION**

Join us for the welcome drink in the Budapest University of Technology and Economics. Here you can meet your friends from the privious conferences or have a chat with new participants. This will be a nice warm up before the conference.

THURSDAY - 25 MAY 2017

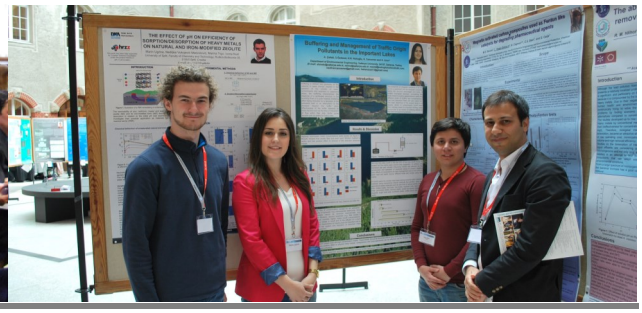
8:00 – 9:30 **REGISTRATION OF PARTICIPANTS, CONFERENCE OPENING**

9:30 – 10:00 **PRESENTATIONS OF SPONSORS**

10:00 – 17:00 **SESSIONS WITH PRESENTATIONS**

17:00 – 18:00 **DISCUSSION BETWEEN YOUNG AND SENIOR WATER PROFESSIONALS**

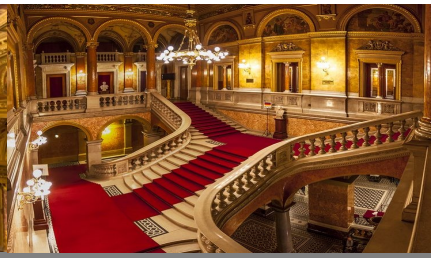
19:00 – 23:00 **GALA DINNER**



FRIDAY - 26 MAY 2017

9:00 – 18:00 **SESSIONS WITH PRESENTATIONS**

18:00 – 19:00 **AWARD FOR THE BEST PLATFORM AND POSTER PRESENTATIONS, CLOSING CEREMONY**



SATURDAY - 27 MAY 2017

9:00 – 12:00 **WORKSHOPS**

14:00 – 18:00 **CULTURAL EXCURSION - Welcome to Budapest!**

YOUNG WATER PROFESSIONALS

International Organising Committee

Chair: Dr. Feierabend M. (IWA YWP, Belgium)
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Sabic M. (University of Zagreb, Croatia)
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Ciepliński J. (Cracow University of Technology, Poland)

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Weinpel T. (Transdanubian Regional Waterworks/ BME Department of Applied Biotechnology, Hungary)
Vánkos Z. (Organica, Hungary)
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Kiss K. (Budapest Sewage Works/ BME Dept. Sanitary and Environmental Engineering, Hungary)
Lóránt B. (BME Dept. Applied Biotechnology, Hungary)
Lóka M. (BME Dept. Applied Biotechnology, Hungary)
Lemaire B. (Budapest Waterworks, Hungary)
Deák A. (Budapest Waterworks, Hungary)
Kassai Z. (Budapest Sewage Works, Hungary)
Boér M. (Allied Water Solutions, Hungary)

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Dr. Drewnowski J. (Gdansk University of Technology, Poland)

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Dr. Clement A. (BME Department of Sanitary and Environmental Engineering, Hungary)
Dr. Kardos L. (Szent István University, Faculty of Horticultural Science, Hungary)
Dr. Honti M. (MTA-BME Water Research Group, Hungarian Academy of Sciences, Hungary)

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YWPs (previous IWA YWP Eastern Europe Conferences)

YOUNG WATER PROFESSIONALS

the international water association

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