



Politechnika  
Śląska



# Current issues in water treatment and water distribution



## 3<sup>rd</sup> INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY

22-24 APRIL 2020



Scientific patronage

Committee for Civil Engineering and  
Hydroengineering  
of Polish Academy of Sciences  
Section of Sanitary Engineering

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# ORGANIZER

SILESIAN UNIVERSITY OF TECHNOLOGY  
Faculty of Energy and Environmental Engineering  
Department of Water and Wastewater Treatment

in cooperation with  
OPOLE UNIVERSITY OF TECHNOLOGY  
Faculty of Mechanical Engineering

we kindly invite you to participate in next edition of

10<sup>th</sup> NATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY  
and  
3<sup>rd</sup> INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY

**Dear Sir and Madam,**

The objective of the Conference is presentation of contemporary legal, research, design and operation issues regarding collection, treatment and distribution of water as well as wastewater drainage and treatment. We want to provide a platform for exchange of views among the representatives of universities, scientific and research institutions, design firms, environmental protection divisions, water and wastewater companies, communes, operators of water-pipe networks and sewerage systems as well as other companies involved in investments, operation and modernisation of municipal and industrial water supply and wastewater drainage systems.

The conference has been held annually since 2001, and since 2015 we have had the honour of hosting partners from foreign universities as well as scientific and implementation institutions. It is a recognised discussion forum for current issues regarding broadly-understood water and wastewater economy in Poland. It treats these issues comprehensively in technical, economic, social and legal aspects.

In response to the current challenges affecting management and operation of water and sewerage systems, the core theme of this year's edition is:

***"Reality of the Polish water and sewerage systems in the conditions of the European sustainable development policy".***

An integral element of the Conference will be workshops regarding development and implementation of risk management systems according to the latest recommendations of the European Union, translating into legislative changes related, inter alia, to supply of drinking water. The workshops fall within the framework of the new approach to water safety, based on water supply risk management, imposing responsibility and obligations on government agencies, local authorities and water suppliers. The directive we will be obliged to implement in the next two years introduces not only the latest scientific knowledge, but it is also a response to the civil initiative "Right to Water", indicating the necessity to provide the EU citizens with access to safe water and information. According to the new DWD, water suppliers will be obliged to inform not only about the quality parameters, but also about such issues as the cost structure or complaints of consumers. At the concluded trilogue, the parties agreed also upon the sequence of actions aiming at water leakage prevention through improvement of the technical condition of the water-pipe infrastructure. The Members States will have three years to calculate their water leakage indices based on which the Commission will determine the average annual leakage index and the Member States will have two years to prepare plans to reduce them. The workshops will have a form of practical classes regarding preparation and implementation of Water Safety Plans by the water and sewerage enterprises in Poland.

This year, we would like to once again invite the Participants from 22<sup>nd</sup> to 24<sup>th</sup> April 2020.

The event will be held under the auspices of the Section of Sanitary Engineering in the Committee on Civil Engineering and Hydroengineering of the Polish Academy of Sciences.

**We are looking forward to seeing you**  
***dr hab. inż. Izabela Zimoch, Associate Profe***



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## SCIENTIFIC COMMITTEE

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Malta College of Arts, Science & Technology

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**Associate Professor Izabela Zimoch**  
Silesian University of Technology

**Associate Professor Monika Żubrowska-Sudol**  
Warsaw University of Technology



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## CONFERENCE TOPICS:

- directions of development of municipal and industrial water treatment technology, wastewater treatment and processing of sediments forming in these processes;
- contemporary operating issues of water treatment and distribution systems as well as wastewater drainage and treatment systems;
- risk management in water supply systems;
- energy efficiency in water supply enterprises;
- legal issues in water protection;
- water-related issues in the aspect of environmental protection, water monitoring;
- hydraulic and qualitative modelling of water-pipe networks;
- detection, monitoring and reduction of water leakages and losses in water-pipe networks;
- water system safety and protection;
- management of water resources;
- water quality;
- water renewal;
- urban drainage systems;
- water and sewerage systems in urban areas;
- water retention.

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## IMPORTANT DATES:

**29.02.2020** – abstract submission deadline, with email to contact

**10.03.2020** – acceptance of paper abstract (informaion will be send by email)

**01.04.2020** – full paper submission deadline

**15.04.2020** – deadline for registration

## CONFERENCE REGISTRATION FEE:

- **€400** for regular participants
- **€300** for PhD students\*

The registration fee includes following:

- admission to all scientific sessions and the exhibition
- general conference costs (conference materials, name badge)
- accommodation costs
  
- catering during the conference (breakfast, lunch, dinner, supper)
- events and attractions (banquet, meetings, barbecue)
- publishing paper in conference materials

\*For PhD students alternative accommodation in nearby hotels.

Payments are to be made in Euro and sent directly by bank transfer into the conference account:

**ING Bank Śląski**  
**PL 60 1050 1230 1000 0002 0211 3056**

Please, indicate the conference name (*Current issues in water treatment and water distribution*) and name of the participant in the bank transfer title.

The invoice is issued only after the payment is made. If a pro-forma invoice is needed, please contact by email to: [woda2020@polsl.pl](mailto:woda2020@polsl.pl)



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*Media patronage*

