



XXV INTERNATIONAL CONFERENCE WATER SUPPLY AND WATER QUALITY

INVITATION

ANNIVERSARY CONFERENCE -
80 YEARS OF PZITS WIELKOPOLSKA



17-20 JUNE 2018 – POZNAŃ, POLAND
LEARNING AND CONFERENCE CENTER
POZNAŃ UNIVERSITY OF TECHNOLOGY

ORGANIZERS



POLSKIE ZRZESZENIE INŻYNIERÓW I
TECHNIKÓW SANITARNYCH
PZITS WIELKOPOLSKA



POZNAŃ UNIVERSITY OF TECHNOLOGY
Institute of Environmental Engineering
Institute of Computer Science



CANADIAN SOCIETY for CIVIL
ENGINEERING'
CSCE

COOPERATION



GRUNDFOS POMPY



SEEN TECHNOLOGIE

HONORARY PATRONAGE



HIS MAGNIFICENCE RECTOR
POZNAŃ UNIVERSITY OF
TECHNOLOGY
PROF. DR HAB. INŻ.
TOMASZ ŁODYGOWSKI

SCIENTIFIC PATRONAGE



SEKCJA INŻYNIERII
SANITARNEJ
KOMITETU INŻYNIERII LĄDOWEJ
I WODNEJ PAN



POLISH COMMITTEE
INTERNATIONAL WATER
ASSOCIATION

SCIENTIFIC COMMITTEE

Marek M. SOZAŃSKI, Poland – Chairman of the Scientific Committee
Zbysław DYMACZEWSKI, Poland – Vice-Chairman of the Scientific Committee
Joanna JEŻ - WALKOWIAK, Poland – Scientific Secretary

Krzysztof BARBUSIŃSKI, Poland
Waldemar BICZ, Poland
January BIEŃ, Poland
Michał BODZEK, Poland
Zbigniew BUKOWSKI, Poland
Henryk BYLKA, Poland
Małgorzata CIMOCHOWICZ-RYBICKA, Poland
Andrzej DZIUBEK, Poland
Maria ELEKTOROWICZ, Canada
Łucja FUKAS-PŁONKA, Poland
Magdalena GAJEWSKA, Poland
Anna GŁOWACKA, Poland
Beata GORCZYCA, Canada
Józef GÓRSKI, Poland
Marek GÓRSKI, Poland
Marek GROMIEC, Poland
Peter M. HUCK, Canada
Magdalena JANUS, Poland
Władysław KAMIŃSKI, Poland
Krystyna KONIECZNY, Poland
Piotr KOWALCZAK, Poland
Jadwiga KRÓLIKOWSKA, Poland
Marian KULBIK, Poland
Agata KUSY, Poland
Marian KWIETNIEWSKI, Poland
Fusheng LI, Japan
Rafał LIPIŃSKI, Poland

Janusz ŁOMOTOWSKI, Poland
Anna C. MAJEWSKA, Poland
Rafał MIŁASZEWSKI, Poland
Tomasz MRÓZ, Poland
Mariusz NOWAK, Poland
Hanna OBARSKA-PEMPKOWIAK, Poland
Jan A. OLESZKIEWICZ, Canada
Florian PIECHURSKI, Poland
Izabela PŁONKA, Poland
Alina PRUSS, Poland
Janusz RAK, Poland
Czesława ROSIK-DULEWSKA, Poland
Stanisław M. RYBICKI, Poland
Tadeusz RZEPECKI, Poland
Jan STUDZIŃSKI, Poland
Andrzej ŚWIĄTKOWSKI, Poland
Kazuhiro TAKAMIZAWA, Japan
Barbara TCHÓRZEWSKA-CIEŚLAK,
Poland
Dariusz TYMCZUK, Poland
Andrzej URBANIAK, Poland
Roman WIERTEŁAK, Poland
Tomasz WINNICKI, Poland
Ewa WOJCIECHOWSKA, Poland
Joanna WYCZARSKA-KOKOT, Poland
Przemysław ZAKRZEWSKI, Poland
Michał ZIELINA, Poland
Izabela ZIMOCZ, Poland

ORGANIZING COMMITTEE

Jan F. LEMAŃSKI, Poland – Chairman of the
Organizing Committee

Sławomir BIŁOZOR, Poland
Rafał BRODZIAK, Poland
Jędrzej BYLKA, Poland
Artur DOMASZEWICZ, Poland
Janusz WRÓBLEWSKI, Poland
Sergiusz ZABAWA, Poland

CONFERENCE TOPICS

Managing water supply and water protection systems is a very comprehensive issue that includes an integrated and complex decision-making system of a biological, chemical, environmental, technical, economic, legal and social nature. It is difficult to overestimate the impact of healthy and clean water on the development of civilization, including hygiene and public health. Therefore the importance of water supply systems and water protection remains in close relation to this fundamental importance of water. Major interest in the topic of the conference is also due to the extremely high investment in the modernization of water supply and wastewater treatment and treatment systems. Their quantity and scope in the last two decades are not reflected in the history of the development of communal infrastructure of our cities. These facts are reflected in the adopted substantive scope of the current edition of the conference, covering the following topics:

- Hydrogeology and hydrology of municipal water intakes
- Water intake, quality of surface and underground water
- Infiltration as a process of treatment and enrichment of groundwater resources
- Processes, technologies and equipment of water treatment plants
- Water disinfection, methods, effects, hazards
- Water distribution, biological and chemical stability of water
- Pumping stations and water supply pipelines
- Monitoring, control and automation in water supply and wastewater treatment systems
- Sewage networks, hydraulics, biological transformations
- Renovation of underground technical infrastructure
- Processes, technologies and equipment of wastewater treatment plants
- Models of activated sludge
- Bioreactor Engineering
- Wastewater treatment plants: energy balances, water and raw materials recovery
- Sludge management from water and wastewater treatment
- Water protection in urban areas, rain water
- Legal aspects and economic problems in environmental engineering

PARTICIPANTS

Since the mid-90s of the twentieth century, successive editions of our conference in the opinion of the participants already have a character of international discussion forum, presenting the latest scientific achievements, engineering solutions, economic conditions and regulations. Participants in these subsequent meetings are witnessing how much the methodology of formulating and solving the tasks of water supply and water protection systems has changed over time, and making the right decisions in this area is becoming one of those systems in economics and legislation. The organizers are convinced that the upcoming meeting in 2018, in line with the traditions of the past, will result in a high level of the papers, discussions and exchanges, respectively, and the jubilee nature of the conference will lead to reflections and summaries on current achievements. It will also provide an opportunity to express your views on forecasts and directions for further development. In the context of the above facts, as well as aware of the challenges of the present and the need to rectify the new tasks awaiting us, we warmly invite the participation of scientists, designers, investors, operators, manufacturers, managers, economists, lawyers and anyone interested in this subject. We are looking forward to the next Jubilee XXV edition of our conference in Poznań in June 2018.

SUBMISSIONS AND DEADLINES

The article should include the name of the author (s), university / business / institution address, e-mail, and abstract title (up to 500 words). Acceptance of the article will be made on the basis of the summation sent. The abstract should be written in a text editor running under Windows and sent to the Conference Organizing Committee in electronic form no later than February 28, 2018. Notification of acceptance of the article will be sent to the authors by March 15, 2018, along with information on how to prepare it. Submission of full text of accepted papers by April 15, 2018.

The submitted articles will be reviewed by members of the Scientific Committee and will be published in the conference materials. Articles outstanding will be addressed by the Scientific Committee for publication in prestigious journals, the list of which will be given in subsequent messages. The condition of publication will be a positive evaluation and payment of the conference fee.

During the Conference the AQUARINA Awards (PZITS-SEEN Prize of the doc. Krzysztof Lipiński) will be awarded for outstanding achievements in the field of conference topics awarded by the Chapter.

ACCOMMODATION

Conference participants have booked accommodations in the following hotels:

- HOTEL IBIS POZNAŃ CENTER - ul. Kazimierz Wielkiego 23, 61-863 Poznań
- HOTEL HP PARK POZNAŃ - ul. Baraniaka 77, 61-131 Poznań

Reservations are made by participants on their own, based on proof of booking receipts, at special negotiated prices.

FEES

Condition of participation in the conference is sending a legally completed application form to the address of the secretariat and paying a fee of:

450 EUR

ADDRESS TO CORRESPONDENCE

**Polskie Zrzeszenie Inżynierów i Techników
Sanitarnych Oddział Wielkopolski**
ul. Wieniawskiego 5/9, 61-712 Poznań
Phone.: (48) 61 853 72 96, Fax: (48) 61 853 72 52;

e-mail: poznan@pzits-cedeko.com.pl
zabawa@pzits-cedeko.com.pl
www: www.pzits-cedeko.com.pl
water.put.poznan.pl