



**9-12 SEPTEMBER 2025**

**KRAKOW, POLAND**

**XXI TECHNICAL DAM CONTROL  
INTERNATIONAL CONFERENCE**

**CHALLENGES IN HYDRAULIC ENGINEERING**

***CONFERENCE TOPICS***

- I. Flood 2024
- II. Dam safety
- III. Geotechnics in water engineering
- IV. Exploitation, monitoring, maintenance, and renovation of hydraulic structures
- V. Technologies and designing of water engineering facilities construction
- VI. Wet waste disposal
- VII. Renewable energy
- VIII. Climate changes and sustainable development
- IX. Impact of hydraulic structures on the environment
- X. Water retention and hydraulic engineering in urban areas

**Conference registration can be done via the conference website:**

**[www.tkz.is.pw.edu.pl/en](http://www.tkz.is.pw.edu.pl/en)**

**FIRST ANNOUNCEMENT**



# ***INVITATION***

We are honoured to invite you to the

## **XXI Technical Dam Control International Conference (TKZ '2025).**

The conference will be held from the **9th to the 12th of September 2025** in **Krakow**, Poland.

The conference theme, **Challenges in Hydraulic Engineering**, is a response to current problems and new threats to the safe operation of hydraulic structures and their impact on the safety of people and the environment in climate change conditions. The flood was proposed as the main topic in the light of the natural disasters caused by torrential rains that have recently hit Poland and many other parts of the world. Subsequent topics focus on dam safety, the role of geotechnics in water engineering and problems in the exploitation, monitoring, maintenance, and renovation of hydraulic structures, as well as the design and construction technologies of new water engineering facilities. The conference will provide an excellent opportunity to discuss the hydraulic engineering challenges.

We are pleased to provide a platform for presenting new research results and solutions, sharing experiences and discussing water-related issues. The conference will give an excellent opportunity to meet friends from the water engineering industry and make new acquaintances, expanding professional networks.

The Technical Dam Control International Conference is organized every two years. The 21st edition of the conference will be held in a hybrid format, allowing you to participate in the conference in person or online via a streaming platform. Polish and English are the official conference languages. During the technical tour of the conference, participants will have the opportunity to visit the Dobczyce Reservoir, built in 1986 on the Raba River.

We invite companies to offer their products and knowledge in the exhibition space to conference participants and encourage new partners to support the event. We are convinced that such cooperation will be fruitful for all conference participants.

We welcome water engineering engineers and specialists worldwide to participate on-site in the  
XXI International Technical Conference on Dam Control.

We look forward to seeing you, your families and your friends in Krakow, Poland,  
in September 2025!

# SCIENTIFIC COMMITTEE

## CHAIRPERSONS:

**PROF. ZBIGNIEW KLEDYŃSKI, PhD DSc ENG.**  
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**PROF. JAN WINTER, PhD DSc ENG.**  
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Cracow University of Technology, Poland

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Leading Design Institute „Kishllokkurilishloikha”, Uzbekistan

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AFRY Switzerland Ltd, Switzerland

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Independent Expert, Poland

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**ANDY ZIELINSKI, PhD ENG.**  
Senior Manager Technology & Dam Safety at Ontario Power, Canada

**PROF. JAN ŻELAZO, PhD DSc ENG.**  
Warsaw University of Life Sciences, Poland

# PATRONAGE

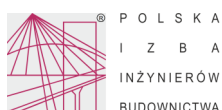
GENERAL INSPECTOR OF CONSTRUCTION SUPERVISION

PRESIDENT OF POLISH CHAMBER OF CIVIL ENGINEERS

STATE WATER HOLDING POLISH WATERS

PRESIDENT OF KRAKOW WATER

DEAN OF FACULTY OF BUILDING SERVICES, HYDRO AND ENVIRONMENTAL ENGINEERING  
OF WARSAW UNIVERSITY OF TECHNOLOGY



# ORGANIZERS

WARSAW UNIVERSITY OF TECHNOLOGY  
FACULTY OF BUILDING SERVICES, HYDRO AND ENVIRONMENTAL ENGINEERING  
DIVISION OF HYDRAULIC ENGINEERING AND HYDRAULICS

INSTITUTE OF METEOROLOGY AND WATER MANAGEMENT - NATIONAL RESEARCH INSTITUTE  
DAM MONITORING CENTRE

INSTITUTE FOR APPLIED RESEARCH OF WARSAW UNIVERSITY OF TECHNOLOGY LTD

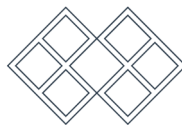
POLISH COMMITTEE ON LARGE DAMS  
POLCOLD

COMMITTEE FOR CIVIL AND WATER ENGINEERING POLISH ACADEMY OF SCIENCES  
SECTION OF HYDRAULIC STRUCTURES



**Wydział Instalacji  
Budowlanych, Hydrotechniki  
i Inżynierii Środowiska**

POLITECHNIKA WARSZAWSKA



**Instytut Badań  
Stosowanych**

POLITECHNIKI WARSZAWSKIEJ SP. Z O.O.



# IMPORTANT DATES

31.12.2024 – Early Bird fee payment deadline

28.02.2025 – registration and abstract submission deadline

30.04.2025 – paper submission deadline

31.05.2025 – conference fee payment deadline

## CONFERENCE FEE

### CONFERENCE FEE - ON-SITE PARTICIPATION

Early Bird until 31.12.2024	950 EUR (gross)
Normal until 31.05.2025	1150 EUR (gross)
Students and accompanying persons	900 EUR (gross)

*The conference fee includes:*

*Accommodation in 4\* hotel in a double room, full board, conference materials, certificate of attendance, technical tour (field trip)*

### CONFERENCE FEE - ONLINE PARTICIPATION

	participation	participation + paper submission
Early Bird until 31.12.2024	175 EUR (gross)	250 EUR (gross)
Normal until 31.05.2025	225 EUR (gross)	325 EUR (gross)

*The conference fee includes:*

*Online participation, conference materials, certificate of attendance and article submission.*

**The organizers do not refund the conference fee in case of not attending the conference, shortening the stay as well as not participating online.**

The conference fee should be paid to:

Institute for Applied Research of Warsaw University of Technology Ltd.

00-668 Warsaw, Noakowskiego St. 18/20

PL 87 1240 6175 1111 0010 7229 7055

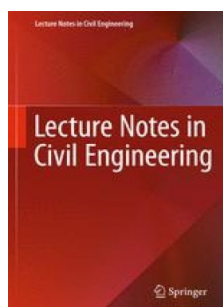
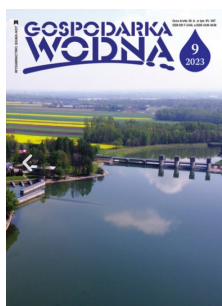
SWIFT/BIC: PKOPPLPW

(description: **Conference TKZ 2025**)

## PUBLICATIONS OF PAPERS

**Papers will be qualified for publications in journals:**

- ~ „Gospodarka Wodna”
- ~ „Journal of Water and Land Development” (for an additional fee)
- ~ „Lecture Notes in Civil Engineering” Springer
- ~ „Monograph of Institute of Meteorology and Water Management National Research Institute”



# TECHNICAL TOUR

The conference participants will have the opportunity to visit the Dobczyce Reservoir. It was built in 1986 after construction of a 30 m dam on the Raba River. The hydraulic structure consists of a 617m-long earthen dam with an asphalt screen and a concrete spillway block of 7 sections. Three sections are equipped with segment-closed spillways and bottom outlets. A fish ladder is located in the fourth section. The last three sections are blind sections. There is also a hydroelectric power plant, where water is supplied through a 131-meter-long and 2.20-meter-diameter tunnel excavated into the massif of Castle Mountain. The power plant is equipped with two Kaplan turbines. The primary function of the reservoir is to provide drinking water for the city of Krakow.

During the tour, the conference participants will also be able to visit the 16th-century Royal Castle in Dobczyce, located next to the dam.



Dobczyce Dam



Participants of the TKZ 2023 Conference during a trip to the Goczałkowice Dam



Dobczyce Castle

# ORGANIZING COMMITTEE

- CHAIRPERSON:** AGNIESZKA DĄBSKA, PHD DSc ENG.
- HONORARY CHAIRPERSON :** PROF. JAN WINTER, PHD DSc ENG.
- VICE-CHAIRPERSONS:** PROF. APOLONIUSZ KODURA, PHD DSc ENG.  
MACIEJ SIEIŃSKI, MSc ENG.  
PIOTR ŚLIWIŃSKI, MSc ENG.  
PAWEŁ ZYCH, MSc ENG.
- MEMBERS:** BARTOSZ BEDNARZ, MSc ENG.  
ALICJA BUDZIANOWSKA, MSc ENG.  
ŁUKASZ KACZMAREK, PHD ENG.  
ADAM KASPRZAK, MSc ENG.  
MICHAŁ KUBRAK, PHD ENG.  
PROF. AGNIESZKA MACHOWSKA, PHD DSc ENG.  
KATARZYNA MISIOŁEK, PHD ENG.

## ADDRESS OF THE ORGANIZING COMMITTEE

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**FACULTY OF BUILDING SERVICES, HYDRO AND ENVIRONMENTAL ENGINEERING**  
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## MEDIA PRESS



# CONFERENCE VENUE

The conference will be held at four-star Hotel Metropolo Krakow by Golden Tulip. On-site participants are provided with accommodation and a full board at the conference venue, which is included in the conference fee.

## HOTEL METROPOLO KRAKOW

### BY GOLDEN TULIP

[METROPOLO-KRAKOW.GOLDENTULIP.COM/](http://METROPOLO-KRAKOW.GOLDENTULIP.COM/)

#### ADDRESS:

ORZECOWA ST. 11

30-422 KRAKOW

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**WE LOOK FORWARD TO SEEING YOU IN KRAKOW!**

