

# 1st International Conference on Monitoring and Control of Water Systems (MoCWS 2026)

Chalkida, Euboea, Greece | May 28–29, 2026

## Overview and Objectives

The 1st International Conference on Monitoring and Control of Water Systems invites the submission of original research papers addressing theoretical developments, computational methods, enabling technologies, and practical applications related to the analysis, monitoring, estimation, supervision, and control of water systems. The conference aims to bring together researchers, engineers, water-utility professionals, and technology developers working on hydraulic and water-quality modelling, sensing and instrumentation, state estimation, automation, water infrastructures, resilient operation, and experimental validation in water systems.

## Topics and Subject Areas

The conference welcomes contributions in the following areas:

- Hydraulics and quality modelling of water systems
- Sensing and Instrumentation
- Control, Automation, and Optimization
- Soft sensors & observer-based sensing
- Artificial Intelligence & Data Analytics in Water Systems
- Water Management Systems and Infrastructure
- Leakage, non-revenue water, and anomaly detection
- Monitoring and Treatment
- Resilience and emergency operation
- Cyber Attacks
- Digital Twins and SCADA
- Policy, Governance, Socioeconomics and Historic Aspects

## Scientific Committee

### Organizing Committee

- General Chair: Nikolaos D. Kouvakas, National and Kapodistrian University of Athens
- Local Chair: Michael G. Skarpetis, National and Kapodistrian University of Athens
- Program Chair: George Chamilothis, University of West Attica
- Publicity Chair: Christiana M. Papapostolou, University of West Attica

### Steering Committee

- Fotis N. Koumboulis (Chair), National and Kapodistrian University of Athens
- Antorweep Chakravorty, University of Stavanger
- George Fragulis, University of Western Macedonia
- Konstantinos Katsiavrias, AKATT S.A.

### Scientific Committee

- Maria P. Tzamtzi, National and Kapodistrian University of Athens
- Dionysios Benetos, University of Barcelona / National and Kapodistrian University of Athens
- Ioannis Sarris, University of West Attica
- George E. Panagiotakis, National and Kapodistrian University of Athens

- Konstantinos G. Tzierakis, National and Kapodistrian University of Athens
- Nikolaos Katevas, National and Kapodistrian University of Athens
- Dimitrios G. Fragkoulis, National and Kapodistrian University of Athens
- Elif Hasret Kumcu, Aksaray University
- George L. Giannaris, National and Kapodistrian University of Athens
- Lazaros Moysis, University of Nova Gorica

## Author Guidelines

Authors are invited to prepare and submit original, unpublished papers written in English and aligned with the scientific scope of MoCWS 2026. Manuscripts should clearly present the objectives of the work, the methodological framework, the main results, and the corresponding conclusions, with sufficient technical detail and appropriate bibliographic support. Submitted papers must be 4 pages in length, including all illustrations and references.

All submissions must be prepared using the official conference templates available on the MoCWS 2026 website. The use of the conference templates is mandatory to ensure compatibility with the conference proceedings format.

## Peer-Review and Selection Process

All submissions will undergo a single-blind peer review under the responsibility of the conference editors and the Scientific Committee. Evaluation criteria include:

- Originality and innovation
- Scientific quality
- Relevance to conference themes
- Clarity and methodology

Each paper will be reviewed by at least two experts. Accepted contributions will be presented as oral presentations and included in the conference proceedings.

## Important Dates

Paper submission deadline: 10/05/2026

Acceptance Notification: 20/5/2026

Camera Ready Submission: 27/5/2026

## Expected Outcomes

MoCWS 2026 aims to:

- Advance research in water monitoring and control
- Foster collaboration between academia and the water sector
- Promote scalable and sustainable solutions
- Support knowledge transfer and innovation