



# Call for papers

## 12<sup>th</sup> INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT

*Circular Economy and Sustainability*

13 - 16 September 2023, Iasi, Romania



Gheorghe Asachi Technical University of Iasi, Romania  
Department of Environmental Engineering and Management



Marche Politecnico University, Italy  
Department of Science and Engineering of Materials, Environment  
and Urban Planning

Organized by

# Welcome

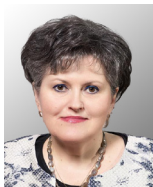
The International Conference on Environmental Engineering and Management (ICEEM) will have its twelfth edition in 2023. Since the previous edition, people's life styles, production and consumption patterns and the global economy have changed dramatically. We are now struggling to understand the impacts of these trends on the environment, on the ecosystems, and how we are going to ensure a more sustainable management of resources.

ICEEM12 will remain the same multi- and transdisciplinary forum for high-level scientific dissemination with the aim to foster internationalization, multi-disciplinarity and collaboration in environmental engineering and management research.

ICEEM12 invites academia, the research community, industry and societal representatives to contribute to the suggested themes and topics. Submissions are encouraged to present innovative, multi-disciplinarity and cross-sectorial approaches to solving environmental and sustainability problems.

ICEEM 12 will have onsite plenary sessions, poster presentations, workshops. As always, the social events of ICEEM12 will enable discussions, cooperation and networking.

We are looking forward to welcoming you in Iasi!



**Prof. Dr. Carmen Teodosiu**  
*Gheorghe Asachi Technical  
University of Iasi, Romania*



**Prof. Dr. Francesco Fatone**  
*Universita Politecnica delle  
Marche, Italy*



**Assoc. Prof. Dr. Brindusa Sluser**  
*Gheorghe Asachi Technical  
University of Iasi, Romania*

## ICEEM 12 Conference Co-Presidents

## Conference themes & topics

### I. Environmental biotechnology

- Biotechnologies for marine and terrestrial plastic pollution abatement
- Bioremediation contribution to healthy soil and food

### II. Water and wastewater cycles in the context of circular (bio)economy

- Water and wastewater treatment
- Recovery of nutrients and precious elements
- Wastewater and sludge reuse applications

### III. Waste management in the context of circular (bio)economy

- Waste treatment and valorization
- Valorization of biowaste and biorefineries
- Urban mining

### IV. Sustainability assessment & eco-innovation

- Life cycle assessment
- Footprint indicators (ecological, water, carbon)
- Eco-design and eco-innovation

### V. Novel materials for environmental and energy applications

- Solar energy materials
- Materials, eco-processes and eco-products
- Nanotechnologies

### VI. Monitoring and modelling of environmental pollution

- Pollution monitoring and control
- Climate change and related events
- Modelling, optimization and simulation

### VII. Thematic workshops

- Water and waste sustainable management in Eastern Europe
- Horizon European projects



*RWTH Aachen University, Germany*



## Submit your abstract

Authors are invited to submit a max. 2 page abstract related to the conference themes and topics by **06 March 2023**. The template is available on [www.iceem.tuiasi.ro](http://www.iceem.tuiasi.ro).

Accepted submissions will be included in the Book of abstracts.

The international Scientific Committee will suggest selected papers for publication in one of the following peer-reviewed international journals:

- Environmental Engineering and Management Journal (ISI ranked, TUIASI).
- Sustainable Production and Consumption (ISI ranked, Elsevier, *to be confirmed*)
- Water (ISI ranked, MDPI, *to be confirmed*)

## Registration Fees:

	Standard Fees (EUR)	Reduced fees for PhD students* (EUR)
Early bird registration (01/05 - 30/06/2023)	300	150
Regular registration (01/07 - 10/08/2023)	375	175
Late registration (after 11/08 - 31/08/2023)	450	225
Accompanying persons fee		150
Extra fee for additional abstract		85

## Organizing Committee

Dr. Petru Apopei  
Dr. George Barjoveanu  
Dr. Adela Buburuzan  
Dr. Daniela Fighir  
Dr. Daniela Gavrilescu

Dr. Andreea Gherghel  
Dr. Corina Musteret  
Dr. Oana Plavan  
Dr. Camelia Smaranda

### Important dates

Abstract submission deadline:

06/03/2023

Notification of abstract acceptance:

15/04 - 17/05/2023

Registration start:

01/05/2023

Registration finish:

31/08/2023

Conference:

13-16/09/2023

The ICEEM12 Conference fees include:

- Conference materials (program, book of abstracts),
- Coffee breaks, lunches, cocktail and conference dinner
- Presentation of 2 abstracts / registration
- Reduced fees are available for PhD students, based on application. Visit ICEEM12 website for additional info

## Contact

- All information on abstract submission, registration and payments is available on the conference website [www.iceem.tuiasi.ro](http://www.iceem.tuiasi.ro)
- Direct any specific questions to the conference organizing committee: [iceem@tuiasi.ro](mailto:iceem@tuiasi.ro)

Please visit the ICEEM12 website for updated information

[www.iceem.tuiasi.ro](http://www.iceem.tuiasi.ro)