



# Call for papers

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

*Environmental Engineering for a  
Clean and Healthy Planet*

**8 - 10 September 2021, MuttENZ, Switzerland**



University of Applied Sciences and Arts Northwestern Switzerland  
School of Life Sciences



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



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA



envbiotech

European Federation of Biotechnology,  
Environmental Biotechnology Division

Organized by

# Welcome

In 2021, the International Conference on Environmental Engineering and Management (ICEEM) will have its eleventh edition. Since its previous one, people's life styles, production and consumption pattern and the global economy have changed dramatically. We are now struggling to understand the impacts of these trends on the environment, on ecosystems, and how we are going to ensure a more sustainable management of resources.

Under the tagline *Environmental Engineering for a Clean and Healthy Planet*, ICEEM11 will be a platform for scientific dissemination boosting internationalization, multi-disciplinarity and collaboration in research.

ICEEM11 invites academia, industry and societal representatives to contribute to the suggested themes and topics. Submission ideally suggest innovative, multi-disciplinarity and cross-sectorial approaches to tackle environmental and sustainability problems.

We hope that the global health safety situation will develop favourable and allow us to convene for plenary sessions, poster presentations, workshops and side-events at ICEEM11.

We are looking forward to meeting you in Muttenz!

Your ICEEM 11 Conference Presidents



Prof. Dr. Philippe Corvini  
FHNW & EFB



Prof. Dr. Carmen Teodosiu  
Gheorghe Asachi Technical  
University of Iasi



Prof. Dr. Fabio Fava  
University of Bologna

## Conference themes & topics

### I. Environmental biotechnology

- Biotechnological approaches to tackle marine and terrestrial plastic pollution
- Bioremediation contribution to the healthy soil and food mission
- Understand and manage the microbiome of environmental systems (including food, agriculture and health)

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

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

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

- Waste treatment and valorization
- Cascaded 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

- Process modelling, optimization and simulation
- Investigation and prognosis tools for environmental issues
- Pollution monitoring and control

### VII. Thematic workshops

- Circular economy and bio-economy
- European projects
- Emerging research priorities & opportunities



## International Scientific Committee

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## Submit your abstract

Authors are invited to submit a max. 2 page abstract related to the conference themes and topics by **15 February 2021**. The template is available on [www.iceem.ro](http://www.iceem.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:

- Process Safety and Environmental Policy (ISI ranked, Elsevier);
- Environmental Engineering and Management Journal (ISI ranked, TUIASI).
- Sustainable Production and Consumption (ISI ranked, Elsevier)
- New Biotechnology (ISI ranked, Elsevier)

## Registration Fees

Full fee: until 30/06/2021:	350 €
Full fee: from 01/07/2021:	450 €
Reduced fee for PhD Students:	250 €
(based on application, see our website)	
Accompanying person:	250 €

The ICEEM11 Conference fees include the

- conference materials (program, book of abstracts),
- coffee breaks, lunches, cocktail and conference dinner

## Organizing Committee

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## Important dates

Abstract submission: 14/12/2020

Notification of acceptance: 15/01/2021

Registration start: 07/02/2021

Conference: 08-10/09/2021

## Contact

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