

Location

The ICEEM 09 Conference will be hosted by the Alma Mater Studiorum Università di Bologna, School of Engineering and Architecture, Italy between 6 and 9 of September 2017

Abstract Submission

The **extended abstract submission** should be done **no later than 20 January 2017**, using the template available on www.iceem.ro. After the review process, authors will be notified for participation and the accepted abstracts (max 2 pages) will be published electronically in a Book of Abstracts (available in the Conference folder).

The 2nd Conference Call and decisions on **abstract acceptance will be available after 10 April 2017**.

Participant Registration and Fee Payment - starting from 15 May 2017

Selected papers by the International Scientific Committee will be published in special issues of the peer-reviewed international journals:

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

ICEEM09 Conference language is English.

Fees

The fees for the ICEEM09 Conference will include the conference materials (Program, Abstracts book), coffee breaks, lunches and conference dinner.

- Full fee: **400 EUR until July 15 2017**
- Full fee: **450 EUR after July 16 2017**

ICEEM09 registration and fee payment details will be available on www.iceem.ro

Contacts

For details please visit the conference site: www.iceem.ro, or contact the Conference Organizing Committee:

conference@iceem.ro



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ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF CIVIL, CHEMICAL, ENVIRONMENTAL
AND MATERIALS ENGINEERING

Alma Mater Studiorum Università di Bologna
DICAM - Department of Civil, Chemical,
Environmental and Materials Engineering



EUROPEAN FEDERATION OF
BIOTECHNOLOGY

European Federation of Biotechnology
Environmental Biotechnology Section



9th INTERNATIONAL CONFERENCE ON ENVIRONMENTAL ENGINEERING AND MANAGEMENT

Circular Economy and Environmental Sustainability

1st Call for Papers



6 - 9 September 2017, Bologna, Italy

www.iceem.ro

Partners:

- InterMEDIU - Information, Consultancy and DL Department, TUIASI, Romania
- Academic Organization for Environmental Engineering and Sustainable Development (OAIMDD), Iași, Romania

Foreword

The **International Conference on Environmental Engineering and Management (ICEEM)** is an important dissemination platform that strives at each edition to bring together specialists to discuss novel research and to develop inter- and multidisciplinary project ideas in the wide field of environmental sustainability.

The ninth edition of ICEEM will be held at the *Alma Mater Studiorum* Università di Bologna, Italy. ICEEM09 focuses on the themes of Circular Economy and Environmental Sustainability, the new European paradigms for economic development. Thus, ICEEM09 strongly encourages researchers, members of the academia, industry and society representatives to contribute with presentations that focus on innovation, multidisciplinary and cross-sectorial approaches related to environmental problems and sustainability.

ICEEM09 fosters high quality research dissemination and thus participation is based on a peer-review abstract selection. Selected contributions by the International Scientific Committee will be published as full papers in Special Issues of 4 peer-reviewed ISI ranked international journals.

We hope that the plenary sessions, oral and poster presentations, workshops and side-events of ICEEM 09 will enhance multidisciplinary, international cooperation, knowledge transfer and effective communication of scientists, engineers and managers.

Conference presidents

Prof.dr.,dr.h.c. Carmen Teodosiu

"Gheorghe Asachi" Technical University of Iasi

Prof.dr.,dr.h.c. Fabio Fava

Alma Mater Studiorum Università di Bologna

Prof.dr.,dr.h.c. Philippe Corvini

FHNW & European Federation of Biotechnology

Themes, Topics & Events

I. Environmental biotechnology in the circular economy

- ✍ Marine biotechnologies
- ✍ CO2 bio-fixation
- ✍ Biomineralization for remediation and valorisation
- ✍ Microbiome in the critical zone
- ✍ Bioelectrochemical systems

II. Water and wastewater cycles: technologies, recycling and valorisation

- ✍ Water and wastewater treatment
- ✍ Nutrient recovery
- ✍ Water and sludge reuse applications

III. Sustainable waste management and exploitation for chemicals, materials and energy recovery

- ✍ Waste treatment and valorisation
- ✍ Site bioremediation and rehabilitation
- ✍ End-of-waste alternatives for new by-products and fuels (biowaste, bio-refineries)

IV. Sustainability assessments and eco-innovation

- ✍ Life cycle assessments

- ✍ Footprint indicators
- ✍ Environmental and human health-related impact and risk evaluations
- ✍ Eco-design, eco-innovation and eco-entrepreneurship

V. Novel materials for environmental and energy applications

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

VI. Monitoring and modelling of environmental pollution

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

VII. Events

- ✍ Key note lectures & Plenary Sessions
- ✍ Seminars & Project Meetings
- ✍ Thematic Workshops for mentoring young scientists,
- ✍ Posters Sessions & Exhibitions
- ✍ Social Events

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