

ebc-vi



2015

6th European Bioremediation Conference
Chania, Crete, Greece, June 29 – July 2, 2015

Conference website: <http://www.ebc-vi.tuc.gr>

The **tradition** of the successful **European Bioremediation conferences** continues! The next conference is scheduled to take place again in **Chania, Crete from June 29 to July 2, 2015**.

The **European Bioremediation Conferences started in 2001** organized by TU-Crete with the generous support of the **Marie Curie High Level Conferences** for the first two events (2001 & 2003). As the momentum continued, another three successful conferences were organized (in 2005, 2008 and 2011) and the conference series have been established as a **European forum for scientists and engineers** from all over the world to present and exchange information on recent advances in environmental biotechnology (especially on bioremediation and phytoremediation of contaminated sites including the marine environment).

You are **invited to join the 6th European Bioremediation conference**, which is organized as the last three conferences, by TU-Crete and the University of Bologna. The conference topics have been expanded to include future trends, directions and new challenges for the restoration of contaminated sites and marine environments as well as on resource preservation through recycling and bio-based reclamation.

The presentations are expected to focus on the technological advances of bioremediation treatment processes (including phytoremediation) for all types of media (air, soil, sediment, surface water, groundwater and industrial wastewater) contaminated with petroleum hydrocarbons, chlorinated and other recalcitrant compounds, as well as on techniques for the microbiological, genetic and ecotoxicological monitoring of such processes. Innovative and low cost solutions through an integrated technological approach are also invited. Finally, contributions are invited on resource preservation through recycling and bio-based reclamation of wasted resources.

Topics

1. In-situ bioremediation of contaminated soil and groundwater
2. Ex-situ bioremediation of contaminated soils, sludges and industrial wastewaters
3. Bioremediation of sites contaminated with crude oil, petrochemicals and PAHs
4. Bioremediation of sites contaminated with chlorinated and other recalcitrant compounds
5. Phytoremediation technologies for decontamination of organic pollutants
6. Phytoremediation and bioremediation technologies for removal of heavy metals
7. Biomonitoring and bioremediation of contaminated sediments
8. Biostimulation and/or bioaugmentation for polluted marine environments / combating marine oil spills technologies
9. Bioreactor technologies for ex-situ treatment
10. Innovative approaches and tools for monitoring and bioremediation of emerging pollutants in soils, sediments and groundwater
11. Bioremediation and integrated (bio)chemical valorization (via biomolecules, fine-chemicals, biomaterials and bioenergy production) of agro-industrial byproducts, effluents, wastes and surplus (organic waste multipurpose biorefineries)
12. Mathematical modelling of bioremediation processes and performance evaluation
13. Blue growth opportunities in the context of environmental protection & restoration
14. valorisation, bioremediation, purification and reuse
Wastewater

Special Sessions

- SS-1. Plastics and micro-plastics in the marine environment (fate & treatment)
- SS-2. Biomineralization and biomining of inorganics
- SS-3. Microbial fixation of CO₂ (and other climate change inducing gases) in soils with indigenous microbial community management and via other biotechnological processes
- SS-4. Exploitation of microbes from non-conventional and/or contaminated habitats
- SS-5. Multidisciplinary approaches for bioremediation of polluted sites and bioconversion of biowaste (e.g., through nanobiotechnology) - Interface between environmental biotechnology and white biotechnology.

Important Dates

Abstract submission: **15 JANUARY 2015**
 Acceptance notification: **28 FEBRUARY 2015**
 Manuscript submission: **15 APRIL 2015**

Registration fees*:

| | Before May 15, 2015 | After May 15, 2015 |
|----------------------|---------------------|--------------------|
| Authors | 400 € | 450 € |
| Participants | 200 € | 250 € |
| (Graduate) Students | 200 € | 250 € |
| One day Registration | 200 € | 250 € |

***Conference fees include:** Admittance to the conference, conference proceedings (book of abstracts and memory stick with manuscripts), coffee breaks, the reception cocktail, three lavish luncheons and the gala dinner with traditional Cretan dishes. In addition, the cost of the post Conference excursion on July 3, 2015 is included in the fees.

Organizing Committee

Nicolas Kalogerakis, Conference co-chair, TU- Crete (Greece)
Fabio Fava, Conference co-chair, University of Bologna (Italy)
Philippe Corvini, School of Life Sciences-FHNW and EFB (Switzerland)
Eleftheria Psillakis, TU- Crete (Greece)
Lena Manousaki, TU- Crete (Greece)
Maria Nikolopoulou, TU- Crete (Greece)

Scientific Committee

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Nico Boon, University of Gent (Belgium)
Ameur Cherif, University of Manouba (Tunisia)
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Jaco Vangronsveld, University of Hasselt (Belgium)
Jian-Jiang Zhong, Shanghai Jiao Tong University (China)

Conference Secretariat

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