

New abstract submission deadline: 15 February 2015

eabc-vi



2015

6<sup>th</sup> European **B**ioremediation 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 - Constructed Wetlands for emerging compounds, pharmaceuticals & priority 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 / Technologies to combat marine oil spills / Monitoring and Early Warning Systems
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. Wastewater valorization, bioremediation, purification and reuse

### Special Sessions

- SS-1. (Bio)-Technologies to combat marine oil spills / Monitoring systems / Biosensors / Early Warning Systems
- SS-2. Litter prevention, plastics biodegradation and bioplastics
- SS-3. Biomineralization and biomining of inorganics - unifying remediation with resource recovery
- SS-4. Microbial fixation of CO<sub>2</sub> (and other climate change inducing gases) in soils with indigenous microbial community management and via other biotechnological processes
- SS-5. Exploitation of microbes from non-conventional and/or contaminated habitats
- SS-6. Multidisciplinary approaches for bioremediation of polluted sites and bioconversion of biowaste (e.g., through nanobiotechnology) - Interface between environmental biotechnology and white biotechnology.

W-1. Reinforcing bio-economy in Mediterranean countries.

W-2. Control and mitigation of agricultural and industrial pollution affecting marine-terrestrial interface (coastal zone)

### Important Dates (NEW):

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

### Registration fees:

	before May 15	after May 15
Authors – Participants	400 €	450 €
(Graduate) Students	200 €	250 €
One day Registration	200 €	250 €

### 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)

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**Audro Majone**, University of Roma (Italy)  
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**Jean-Paul Schwitzguebel**, EPFL (Switzerland)  
**Jaco Vangronsveld**, University of Hasselt (Belgium)  
**Jian-Jiang Zhong**, Shanghai Jiao Tong University (China)

### Conference Secretariat

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