



**AIT**

CENTER  
OF EXCELLENCE  
FOR RESEARCH  
AND EDUCATION

**ΣΥΝΕΡΓΕΙΑ**  
WTERT - Greece



June 18 - 22, 2012 | AIT Athens, Greece

[www.ait.gr/wtert](http://www.ait.gr/wtert)

# Sustainable Waste Management

A Workshop on Principles & Practice

The Earth Engineering Center of Columbia University, SYNERGIA (WTERT-Greece) and AIT - Center of Excellence for Research and Education of Athens are announcing an interdisciplinary international week long workshop focusing on state of the art technologies for sustainable waste management.



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# Waste Management Workshop in AIT

**Columbia University Professor Nikolaos Themelis**, Director of the **Earth Engineering Center** and **Head of the Global WERT Council** ([www.wtert.org](http://www.wtert.org)) will participate in this one-week intensive course with a team of experts in the sector of waste management from prestigious institutions at both international and national level. The 5day workshop's aim is to address novel practices such as **Recycling, Waste-to-Energy, Mechanical-Biological Treatment, Composting and Landfilling** evaluating their respective environmental benefits and impacts and their economic viability. This program is a unique opportunity for individuals in related industries, postgraduate students, as well as anyone wishing to increase their understanding in this field. During the workshop Global WERT Council will announce its biannual conference, on October 18-19<sup>th</sup> in Columbia University.

When: **June 18-22, 2012** course hours: **28 hrs**  
Where: **AIT campus, Paeania, Athens, Greece, [www.ait.gr](http://www.ait.gr)**  
Certificate: issued by Earth Engineering Center of Columbia University and AIT  
Credits: **24 Continuing Education Credits**, NYSED  
Registration: **[www.ait.gr/wtert](http://www.ait.gr/wtert)**  
Social Program: Acropolis Museum visit, a walk to Sounio or Plaka  
Accommodation: Divani Caravel, Athinais Hotel, AIT Dormitory



## Keynote Speakers

Emeritus Professor **Nikolaos J. Themelis**, Director **Earth Engineering Center, Columbia University**  
Professor **Carlo Vandecasteele**, **Université Catholique de Louvain**  
Professor **Stefano Consonni**, **Politecnico di Milano**  
Professor **Goran Vujic**, **University of Novi Sad**  
Dr. **Costas Velis**, **Imperial College London**  
Dr. **Efstratios Kalogirou**, President of **WERT-Greece (SYNERGIA)**  
Assistant Professor **Epameinondas Voutsas**, **National Technical University of Athens (NTUA)**  
Associate Professor **Avraam Karagiannidis**, **Aristotle University of Thessaloniki (AUT)**



## International Workshop Curriculum 2012

- 18/6 Waste Generation, Characterization, Management, & Policy Framework, Recycling
- 19/6 Composting and Mechanical-Biological Treatment (MBT), Waste to Energy
- 20/6 Final Disposal of Post-recycling and Post-energy-recovery Residues, Environmental Impacts of Waste Management Installations
- 21/6 Economics of Waste Management, Renewable Energy Sources, and Climate Change
- 22/6 Presentations by Participants on Insights Gained-Missed, Discussion with course instructors



AIT utilizes its state-of-the-art facilities conveniently located in the outskirts of Athens, close to the Athens International Airport and the Saronikos Bay, its affiliations with world-renowned universities and range of academic programs to offer the finest advanced learning for professionals to an internationally diverse group of executives and researchers from all walks of life.