



Waste to Energy Research & Technology Council

Advancing Sustainable Waste Management in West Africa

Sustainable Waste Management in Africa

Accra, Ghana, May 26th-30th, 2014

The Earth Engineering Center (EEC) of Columbia University in collaboration with WTERT/Greece and the Institute of Sanitation & Waste Management (ISWM) of Ghana are pleased to announce that an interdisciplinary course and workshop will take place in Accra, Ghana, at the campus of KNUST-ISWM (May 26th-30th, 2014). This 5-day intensive course will focus on state of the art technologies for advancing sustainable waste management in Africa and will encompass the full hierarchy of waste management from materials recovery (recycling) to energy recovery (Waste-to-Energy or WTE), and sanitary landfilling with methane capture.

The organizing committee for this course are Prof. Nickolas Themelis (Columbia University), Patrick Cline (AISWM), and Dr. Efstratios Kalogirou (GWC). The instructors include Profs. Franz Neubacher (UV&P, Austria), Efstratios Kalogirou (GWC and WTERT-Greece), Carlo Vandecasteele (Katholieke Universiteit, Belgium), and faculty from Kwame Nkrumah University of Science & Technology, Kumasi-Ghana.

This course and workshop is designed for professionals in the waste management industry, environmental agencies in the West African region, government agencies, MMDA's, companies planning and executing waste management projects, researchers and university students, and other professionals wishing to increase their understanding in this field.

Participants will receive a certificate of continuing education with 28 credit hours, by the Earth Engineering Center of Columbia University For more information about the Accra – Ghana intensive course,

CONTACT:

PHONE: +233 54 134 3730

EMAIL: info@aiswam.org

WEBSITE: <http://wtert-ghana.tiswm.com/index.php/seminar>



Keynote Speakers



Dr. Efstratios Kalogirou

President of WTERT-Greece (SYNERGIA)

Dr. Efstratios Kalogirou is the President of WTERT Greece (Synergia, www.wtert.gr) and also a member of the Board in WTERT/USA in Earth Engineering Center of Columbia University (www.wtert.org). Has a Ph.D. at the National Technical University of Athens, School of Chemical Engineering. He is an Expert in Waste Management. His scientific fields: are energy from waste, potable water resources and ozone sterilization technologies in Earth Engineering Center of Columbia University, New York (in cooperation with Professor Themelis). He is involved in many environmental projects worldwide. He is author in many scientific and technical papers, especially in WTE. Since August 2011 he is the Vice Chairman of Global WTERT Council.



Professor Carlo Vandecasteele

Katholieke Universiteit Leuven

Prof. Vandecasteele (°1949) obtained his master and Ph.D. degrees in Chemistry from the University of Ghent, Belgium, both summa cum laude. From 1972 until 1990 he was a researcher (finally research director) of the Belgian National Fund for Scientific Research at Ghent university, first active in the field of radiochemistry, later on in atomic spectrometry for analysis of environmental and biological samples. In 1990 he was appointed as Professor at the department of Chemical Engineering, faculty of Engineering of the University of Leuven. Successively he was program director of the 'environmental science and technology' master program, head of the laboratory of environmental technology, program director of the 'chemical engineering' master program, and chairman of the department of Chemical engineering (until 2005). His research at University of Leuven focuses to date on 'recycling and energetic valorization of reststreams' and 'environmental impact assessment of industrial processes and of waste treatment'. He teaches 'environmental technology', 'environmental problems and techniques', 'analytical chemistry', 'industry and sustainable development', 'recycling and energetic valorization of reststreams'. In his teaching he timely introduced concepts as sustainability, industrial ecology, recycling, recovery, to engineering students. He is author of over 250 international journal papers (h=38) and author and coauthor of several books.



Prof. Franz Neubacher

Managing Director, UV&P

Mr. Neubacher was admitted to Technical High School, Voeklbruck, Austria in 1970 and, received a high school diploma in Mechanical Engineering in 1975. Between the periods of 1975-1981 he continued his education in Technical University, Graz, Austria faculty of Chemical Engineering. In 1983, he earned his Master's degree in Technology and Policy from Massachusetts Institute of Technology (M.I.T.), USA. Now, Mr. Neubacher is Co-Founder and CEO of UV&P Environmental Management and Engineering Neubacher & Partners. He is engaged in systems analyses for environmental management and engineering, including conceptual design of waste prevention and waste treatment, environmental impact assessment, feasibility studies, technical project planning, tender documents and evaluation of bids, project supervision, research and development. Mr. Neubacher is an active member of ISWA International Solid Waste Association, and of WTERT Waste to Energy Research and Technology Council.

