

VI International Short Course

Advances in Knowledge of Urban Drainage from the Catchment to the Receiving Water *Technical solutions in stormwater management*



ITT Water & Wastewater



EdiBios

14 June 2011

Aula Magna Università della Calabria

Organized by



DIPARTIMENTO
DIFESA DEL SUOLO "V.MARONE"
Università della Calabria



CENTRO STUDI ACQUEDOTTI E FOGNATURE
Dipartimento di Difesa del Suolo
Università della Calabria



LABORATORIO DI IDRAULICA URBANA
Dipartimento di Difesa del Suolo
Università della Calabria



ASSOCIAZIONE IDROTECNICA ITALIANA
Sezione Calabria

Hosted by



International Association of
Hydraulic Engineering & Research



Consiglio Nazionale
Ingegneri



Regione Calabria

LIU - Laboratorio Idraulica Urbana
Università della Calabria
Prof. Ing. Patrizia Piro
Dr. Ing. Marco Carbone
Tel. +39.0984.496546/ 47 Fax. +39.0984.496546
E-mail : info@liu-cs.it - website: www.liu-cs.it

Pollution caused by the stormwater and wastewater discharge into the receiving waters is a problem much debated between the researchers. Research and profession have been always considered to be territorial management tools, but only their ability of synergy can be able to emphasize geographic areas, promoting environmental recovery, supporting main infrastructures for urban and regional economy, boosting activities capable to improve living conditions.

The aim of the course is to provide theoretic basic knowledge as well as practical approach. The course will include presentations of research findings by world-renowned experts and direct comparison with specialized company that will attend with extremely new solutions.

REGISTRATION

Please fill the application form on the website
www.liu-cs.it/corso2011.htm within 10 June 2011.

OFFICIAL LANGUAGES:  Italian/  English

VI INTERNATIONAL SHORT COURSE
“ADVANCES IN KNOWLEDGE OF URBAN DRAINAGE
FROM THE CATCHMENT TO THE RECEIVING WATER
Technical solutions in stormwater management”

- 9.00 **Welcome address** - *Patrizia Piro, Laboratorio di Idraulica Urbana*
Pasquale Versace, Direttore del Dip. di Difesa del Suolo -
Università della Calabria
Giuseppe Frega, Presidente Centro Studi Acquedotti e
Fognature
Massimo Veltri, Presidente Associazione Idrotecnica Italiana
Menotti Imbrogno, Presidente Ordine Ingegneri di Cosenza
- 10.00 **Sediment Issues in Design and Operation of Stormwater Best Management Practices**
Jiri Marsalek, National Water Research Institute Burlington, Canada
- 10.45 **Urban drainage - challenges and solutions**
Maria Viklander, Luleå University of Technology, Sweden
Helen Galfi, Luleå University of Technology, Sweden
- 11.30 *coffee break*
- 12.00 **Myths, Monitoring and Modeling of Urban Drainage**
John J. Sansalone, University of Florida -USA
- 12.45 **Ottimizzazione energetica e gestionale di una rete di impianti di sollevamento fognari**
Andrea Mariani, ITT Water & Wastewater Italia S.r.l.
- 13.00 *Lunch*
- 14.30 **Le implicazioni della Direttiva INSPIRE sul tema dell'Idrografia**
Giacomo Martirano, Epsilon Italia
- 14.45 **Advances in Urban flood modelling prediction and management**
Čedo Maksimović, Imperial College Londra -UK
- 15.30 **L'evoluzione normativa al servizio dei clienti per le condotte in ghisa sferoidale: la norma EN545/2010**
Alessandro Giusto, Saint-Gobain PAM Italia S.p.A
- 15.45 **Characterization of the sedimentation in the Sustainable Management of the Urban Drainage**
Patrizia Piro, Dip. di Difesa del Suolo, Università della Calabria
Marco Carbone, Dip. di Difesa del Suolo, Università della Calabria
- 16.30 **Discussion** - *Jiri Marsalek, chairman*