



## 7<sup>th</sup> International Conference

on sustainable techniques and strategies in urban water management  
June 27<sup>th</sup> – July 1<sup>st</sup> 2010, Lyon Convention Centre - France

## WORKSHOP 2

1. Workshop Title: Design, modelling and implementation of stormwater source control technologies
2. Organizer / Working group: SOCOMA WG – Working Group on Source Control for Stormwater Management
3. Pilots: Sylvie Barraud (INSA Lyon, France) – [sylvie.barraud@insa-lyon.fr](mailto:sylvie.barraud@insa-lyon.fr)  
Tim Fletcher (Monash University, Australia) – [tim.fletcher@eng.monash.edu.au](mailto:tim.fletcher@eng.monash.edu.au)
4. Workshop presentation:

The aim of the workshop is to examine aspects relating to the design and implementation of stormwater source control technologies. The workshop, following the previous SOCOMA workshop held in Lyon in 2007 (see <http://graie.org/SOCOMA>), will be specifically focussed on the modelling and performance evaluation of source control techniques. It will also evaluate the lessons of implementation, based on a number of important case studies. Each of these themes will include a general presentation of the current state of the art in terms of understanding, research, before exploring particular aspects in detail, through interactive presentations and discussions.

The workshop will result in publication of a review article, summarising the current state of the art in the modelling, performance evaluation and implementation of source control strategies.

5. Number of participants: around 30 persons
6. Schedules: 9:00 am – 5:00 pm
7. Registration rate: 120 € / person
8. Language: English
9. Preliminary programme: see on reverse

# WORKSHOP TIMETABLE

Time slot	Workshop Activity / Topic	Presenters
9:00 am - 9:10 am	Introduction to workshop	<b>G. Rivard</b> , Chairman of SOCOMA work group, Canada
<b>Modelling</b>		
<b>9:10 am - 9:20 am</b>	<b>General literature overview on modelling followed by a focus on :</b>	<u>Coordinator:</u> <b>S. Barraud*</b>
9:20 am -10:00 am	Modelling urban stormwater impact mitigation by using BMPs at the catchment scale - Implementation of Source Control systems in Italy	<b>G. Freni &amp; G. Mannina</b> , Palermo University, Italy
10:00 am - 10:40 am	Opportunities and drawbacks of simulating infiltration processes	<b>S. Fach</b> , Innsbruck University, Austria
10:40 am - 11:00 am	<i>Coffee break</i>	
<b>Source control performance</b>		
<b>11:00 am - 11:10 am</b>	<b>General literature overview followed by a focus on :</b>	<u>Coordinator:</u> <b>T. Fletcher*</b>
11:10 am-11:50 am	"Green" technologies and infrastructures for the control and treatment of impervious surface runoff	<b>B. Ellis</b> , Urban Pollution Research Centre, Middlesex University, UK
11:50 am-12:30 am	Elements in favour of source control: The experience of the French on-site observatory OTHU	<b>S. Barraud</b> , Lyon 1 University / INSA Lyon & <b>A. Foulquier</b> , Lyon 1 University, France
12:30 pm - 2 :00 pm	<i>Lunch</i>	
<b>Implementation and adoption: success, failure and lessons learnt</b>		
<b>2:00pm - 2:10pm</b>	<b>Introduction followed by focus on :</b>	<u>Coordinator:</u> <b>G. Rivard*</b>
2 00 pm - 2:40 pm	Lessons from a catchment-scale public & private-land retrofit project	<b>T. Fletcher &amp; M. Burns</b> , Monash University, Australia
2:40 pm - 3:20 pm	Lessons from the Shepherd Creek experiment.	<b>B. Shuster</b> , National Risk Management Research Laboratory, Office of Research and Development, USEPA, USA
3:20 pm - 3:40 pm	<i>Coffee break</i>	
3:40 pm - 4:00 pm	Some lessons learnt about Source Control strategies in France	<b>C. Carré</b> - Paris 1 University, France
4:00 pm – 4:40 pm	Lessons learnt and experiences about Source Control strategies in Brasil	<b>M. Baptista &amp; N. Nascimento</b> – UFMG, Brazil
<b>4:40 pm - 5:00 pm</b>	<b>Discussion</b>	

\* With the help of SOCOMA Work Group