

Water Engineering Panel

Technical Presentation

Water Sensitive Urban Design & Ecosystems



ENGINEERS
AUSTRALIA

VENUE

University of Western Sydney
Parramatta Campus
Room PS-EE.G.36

CPD

Eligible for 2.5 hours CPD

RSVP

To be announced

DATE & TIME

Wed 14 May 2014 | 12:30pm

COST

Free

Dr. Jocelyn Dela-Cruz will be presenting ecosystems response modelling for councils and how WSUD can be included in this modelling. Chris Derry will be presenting on the field monitoring manual he has developed for bio-filtration systems. This will be followed by a presentation from Dr. Marlène van der Sterren on the quantity control of rainwater tanks and their impacts on onsite detention quantity control. The afternoon will be completed with a question and answer and round table discussion on WSUD

Time	Presenter	Topic
12.30-12.40		Welcome
12.40-13.10	Dr. Jocelyn Dela-Cruz	Ecosystem response modelling
13.10-13.30	Mr. Chris Derry	Manual for on-ground monitoring of biofiltration systems
13.30-13.45		Tea & Coffee break - light refreshments
13.45-14.15	Dr. Marlène van der Sterren	OSD vs rainwater tank debate
14.15-15.00		Q&A and discussion forum

Dr. Jocelyn Dela-Cruz

Jocelyn is a Principal Scientist at the Office of Environment and Heritage. She has over 10 years' experience in developing catchment models and decision support systems to assist natural resource management in Australia, United Kingdom and western Europe. Jocelyn is currently focussing on an effects- based approach for setting stormwater targets in anticipation of the NSW Planning Reforms. The approach brings together best available technical assessments for managing estuaries and freshwater ecosystems in NSW.

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Mr. Chris Derry

Mr Chris Derry has consulted to the Ministers of Health and Water Affairs and the Development Bank in Southern Africa, WHO Collaborating Centres in South Africa and Australia, State Departments and laboratory services in Mongolia, and to the International Program on Chemical Safety in Geneva. In 2003 he carried out a Commonwealth-funded educational strategic-initiative visit to Chinese universities. He is a member of the STE College Board of Studies has served as State Councillor to the Australian Institute of Environmental Health for the past three years. His current research focusses on health risk analysis applied to water chemistry and microbiology; field monitoring of bio-filtration systems and lab analysis.

Dr. Marlène van der Sterren

Dr. Marlène van der Sterren is a Chartered Professional Engineer and is a Technical Policy Advisor with the Office of Environment and Heritage of the NSW Government in Sydney, Australia. Marlène has focussed her research on sustainable water cycle management and has applied her knowledge to develop practical solutions to integrate water management in new developments with a particular focus on sustainable stormwater management.

Direction to UWS (public transportation/driving & parking)

http://www.uws.edu.au/campuses_structure/cas/campuses/getting_to_uni#Parramatta

For further information contact Monique Retallick

Email: retallick@wmawater.com.au