

Roadshow & training

InSite Water – Online stormwater assessment tool for small-scale development

Date:	Wednesday 7 November
Registration:	8:30am
Time:	9:00am – 12:00pm
Venue:	City of Marion – City Services Room H4 935 Marion Road Mitchell Park
Cost:	Free

Overview

The InSite Water online tool for small-scale developments has been developed to assesses the performance of a range of water sensitive urban design (WSUD) elements of a development against the nominated design criteria ([SA WSUD Policy](#) and agreed Council requirements), to:

- increase the efficiency of development application and approval processes, and
- achieve better outcomes for flood risk, stormwater quality, amenity and microclimate (where possible).

The Insite Water tool assesses whether a proposed development is able to meet stormwater runoff pollutant load reduction performance criteria, maintain critical maximum stormwater discharge peak flow rates and manage runoff volumes. A certificate of compliance can be generated for each development modelled within the tool, for third party certification. WSUD elements that can be modelled by the tool include onsite detention (OSD), retention systems, combined OSD and retention systems, raingardens, swales, infiltration systems in a range of soil types, permeable paving and green roofs.

Link to tool – <https://www.watersensitivesa.insitewater.com>

Note: The tool is currently in final stages of beta testing.

Program

Time	Topic	
8:30am	<i>Registration</i>	
9:00am	Welcome and introductions	Mellissa Bradley
9:15am	Why set stormwater performance criteria for small scale developments?	Ian Adams
9:30am	Introduction to the updated requirements of the Australian Rainfall and Runoff Guide (AR&R 2016). Discussion of <i>Volume Management</i> and <i>Source Control</i> concepts and strategies	Ian Adams
10:00am	<i>Break and networking</i>	
10:30am	Introduction to the InSite Water online tool for small-scale developments	Ian Adams
11:00am	Case studies for common development types and worked example exercise <i>Bring along your own examples, or we can provide sample developments</i>	Participant exercise
11:40am	Feedback on usability and functionality of the tool	All
12:00pm	<i>Close</i>	



For more information, contact Mellissa Bradley, Program Manager, Water Sensitive SA – mellissa@watersensitivesa.com, 0431 828 980.

What to bring

Attendees are required to

- **bring a laptop computer or tablet** capable of wireless connection to the internet
- development example to test the application of the tool (optional)

Trainer's biography



Ian Adams BEng(env) MIEAust GSAP

Director – Organica Engineering Pty Ltd

Ian is a practicing Environmental Engineer and an experienced public speaker, workshop facilitator and trainer, regularly providing training at the highest levels in government and the building industry. He is a certified assessor and trainer for the Green Building Council of Australia, regularly lectures at RMIT and Melbourne Universities on sustainable design and city infrastructure.

Ian has been instrumental in developing industry toolkits such as InSite Water, Green Star, and BESS and he has an in-depth knowledge of how to implement WSUD and sustainable design in buildings.

He has worked as Sustainability Coordinator for Frasers (Australand) guiding their implementation of ESD and WSUD into over 1,000 housing, industrial, commercial and apartment buildings. Ian has also worked as a planning sustainability referrals officer at Knox Council in Victoria, and he has assisted many metropolitan Councils with establishing their sustainability in planning and capital works programs.

Testimonials for Ian's training:

"One word – Informative"

"Very well presented with good balance of visuals, concepts and using relevant examples."

"Excellent. I had no knowledge about the area. Ian made it interesting even for the novice. He also made it clear that there are no simple solutions. I enjoyed learning from an expert that appreciated complexity."