



Overland Flow Modelling Workshop – Initial Output

Riverside Centre – Pride Park Derby – 6th July 2010

Nearly 30 delegates from a variety of backgrounds and urban drainage disciplines attended the WaPUG Workshop in Derby. Following an interesting hour of presentations on the current state of play of overland flow modelling in an urban drainage context, we held a series of active break out sessions to identify market needs, gaps in the technology and understanding, and where future efforts should be focused to improve our capability in this field.

The following delegates attended:

Name	Organisation
Jamie Margetts (Workshop Chair)	Clear / WaPUG Vice Chair
Tony Bamford (Workshop Facilitator)	MWH
Richard Allitt (Speaker)	Richard Allitt Associates
Andrew Walker (Speaker)	MWHSOFT
Jessica Johns (Speaker)	MicroDrainage
Andrew Bailey (Speaker)	Clear
Peter Myerscough	Yorkshire Water / WaPUG
Graham Squibbs	United Utilities / WaPUG
James Hale	Mouchel / WaPUG
David Pettifer	JBA / CIWEM R&C Group
Andrew Woodliffe	Scott Wilson
Kristian Ravnkilde	Atkins
Ian Lang	MWH
David Baldwin	Severn Trent Water
Steve Joynes	Golovin
Nick Burke	SEPA
David Winterbottom	Remwater
David Fortune	MicroDrainage
Fiona Barbour	Meyer Brown
Ali Cotton	Halcrow
Geoff Brown	Thames Water
Rob Woodall	Anglian Water
Helen James	Environment Agency
Chris Pearman	TyneMarch
Matthew Roberts	Capita Symonds
Barry Hankin	JBA

The outputs from the workshop will be developed over the summer and issued for comment to the group at the **end of September**. These will be prioritised, and split between those that can be developed further by WaPUG and those that should be flagged up to research bodies of software developers for uptake. A workshop will be held at the WaPUG Autumn Conference in **November** to progress those outputs that can be developed further by WaPUG or CIWEM.

Presentations will be available on the WaPUG site in August.

On behalf of WaPUG, thank you for all those that attended or input into the day making it a successful event.



Agenda of day

Start	Finish	Description	Lead
09:40	09:50	Welcome and introductions	JM
09:50	09:55	Aims and objectives of the day	JM/TBB
09:55	10:00	What can we do with current technology?	TBB
10:00	11:15	Review of Current Technology <ol style="list-style-type: none"> 1. Richard Allit (RAA) – State of Play of Overland Flow Modelling (20 -25 min) 2. Andrew Walker (MWHSoft) – InfoWorks State of Play Presentation (15 min) 3. Jessica Johns (Micro Drainage) – Micro Drainage State of Play Presentation (15 min) 4. Andrew Bailey (Clear) – Direct rainfall and runoff overland modelling (10 min) 	
11:15	11:30	Break	
11:30	11:35	Activity Presentation 1 <i>Identify market for overland flow modelling and the modelling tools - What needs to be done and what is available to do it?</i>	TBB
11:35	12:05	Breakout session 1 Groups to brainstorm number and types of projects using these techniques and a 'shopping list' of technology requirements.	ALL
12:05	12:20	Report back session 1	JM/TBB
12:20	12:30	Activity Presentation 2 How accurate is overland flow modelling, can we quantify the accuracy, and what data is needed to improve this?	TBB
12:30	13:00	Breakout session 2 Groups to brainstorm how we improve technology, processes and data collection – what are the needs?	ALL
13:00	14:00	Lunch	
14:00	14:20	Report Back session 2	JM/TBB
14:20	14:35	Vote on gaps, prioritise needs	All
14:35	14:45	Activity Presentation 3 What improvements are required and what outputs can we or the industry deliver to improve overland flow modelling??	TBB
14:45	15:20	Breakout session 3 Groups to brainstorm new guidance, improvements to current guidance and tools, and improvements to data collection and availability	ALL
15:20	15:40	Report back session 3	JM/TBB
15:40	15:50	Voting to prioritise activities	JM
15:50	16:00	Next steps, thanks and safe journey	JM