



Urban Drainage Flood Risk Mapping Workshop – Initial Outputs

Riverside Centre – Pride Park Derby – 7th July 2010

Over 20 delegates from across the UK Water Industry attended the WaPUG Workshop in Derby. Following a number of interesting presentations identifying how flood risk mapping will be used in urban drainage analysis and design, we held a series of very active break out sessions to identify what barriers exist in implementing flood risk mapping techniques in the urban environment, and where further work is required to improve the flood risk mapping tools and processes available to the urban drainage practitioners.

The following delegates attended:

Name	Organisation
Jamie Margetts (Workshop Chair)	Clear / WaPUG Vice Chair
Chris Digman (Workshop Facilitator)	MWH
David Terry (Speaker)	Severn Trent Water
Richard Kellagher (Speaker)	HR Wallingford
Bob Crabtree (Speaker)	WRc
Paul Eccleston (Speaker)	JBA
Graham Squibbs	United Utilities / WaPUG
Fiona Barbour	Meyer Brown
Richard Allitt	Richard Allitt Associates
Kathryn Hickey	Atkins
Alan Wisdish	Atkins
Andrew Walker	MWH Soft
Steve Joynes	Golovin
Katie Pearson	Capita Symonds
David Winterbottom	RemWater
Paul Brettell	Severn Trent Water
Helen James	Environment Agency
Jessica John	MicroDrainage
David Fortune	MicroDrainage
Chris Pearman	TyneMarch
Brian Morrow	United Utilities
David Farrar	Yorkshire Water
Rob Woodhall	Anglian Water
Martin Kennedy	Northumbrian Water

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
09:40	09:50	<i>Welcome and introductions</i>
09:50	09:55	Aims and objectives of the day
09:55	10:15	The need to calculate and apply risk David Terry (Severn Trent) The Severn Trent Risk Based Sewerage Management Plan Process
10:15	11:15	Risk presentations and opportunity for questions – state of play Richard Kellagher (HR Wallingford) DTi SAM and Application of risk based approach to sewerage studies Paul Eccleston (JBA) Next Generation Flood Risk Mapping Bob Crabtree (WRc) Sewerage Risk Management Elliot Gill (Halcrow) Surface Water Management Plan Guidance
11:15	11:30	<i>Break</i>
11:30	11:35	Breakout Presentation 1 – Why, where and when is risk used in urban drainage analysis and design?
11:35	12:05	Breakout session 1 to understand what we mean by risk, why is it important, how it should be used and rationalising risk standards and approaches between stakeholders
12:05	12:20	Report back session 1
12:20	12:25	Breakout Presentation 2 – Identifying the gaps and needs for urban drainage practitioners (high level or detail)
12:25	13:05	Breakout session 2 to identify gaps and needs, group and summarise
13:05	13:50	<i>Lunch</i>
13:50	14:05	Report back session 2
14:05	14:20	Prioritise the gaps and needs - voting
14:20	14:30	<i>Flood Risk Quiz</i>
14:30	14:40	Breakout Presentation 3 – How do we address the gaps for practitioners and how quickly can we do it?
14:40	15:20	Breakout session 3 – identify solutions and timescales to address the prioritised gaps, working up in outline
15:20	15:40	Report back session 3
15:40	15:50	Voting to prioritise the solutions
15:50	16:00	<i>Next steps and close</i>