

## **SuDS and Urban Design: What you need to know**

### **Agenda and Speakers**

#### **Aim**

- To gain confidence about SuDS
- To be able go back to workplaces and put SuDS into practice
- To understand that SuDS are about spatial organisation; a key role for Urban Designers

#### **Programme**

5.45 Doors open

6.00 Welcome from Urban Design Group

6.05 SuDS – the Regulatory Framework ; an introduction about the forthcoming National Standards - Chryse Tinsley

6.15 SuDS: why they're life changing - Roger Nowell - David Singleton

6.30 Workshops

Explanation – 4 different scenarios

- How might you begin discussions, early design thoughts
- Information and coaching to get beyond the 'where do I start?'
- Includes assessing solutions and feedbacks

7.30 Refreshments

8.00 Feedback from workshops and summary of learning - Roger Nowell

8.45 Questions, concluding comments - Chryse Tinsley

9.00 Finish

## Speakers

### **David Singleton** *DSA.*

David Singleton has some 20 years experience in landscape architecture and has a first degree in geography; when he studied fluvial geomorphology. His interest in designing with water was sparked by working on Blythe Valley Park in Solihull in the mid 1990s. At Blythe Valley, a wetland landscape was created to protect a SSSI from the potential impacts of a business park development. From this David expanded into SuDs for other developments including large scale housing developments, factories, hospitals and most recently school both as new-build and retro-fit. He set up DSA Environment and Design in 1995 to further develop this interest and expertise and explore the potential for water Sensitive Urban Design (WSUD). Travelling to Australia has enabled him to discuss and evaluate WSUD practice with colleagues there.

DSA is still working on Blyth Valley and have amassed considerable knowledge about the planning, design and critically management of SuDS at both large and small scales. David is working with CIRIA on the National SuDS and gives presentations at conferences on SuDS and WSUD to a variety of audiences here and overseas. Among David's latest projects is the Sustainable Plant Master plan for Toyota at their Burnaston production site, which will amongst other innovations, retrofit SuDS.

David is a visiting lecture at Nottingham Trent University in both the Natural Environment and Built Environment faculties.

### **Roger Nowell BSC Dip LA** *Project Development Officer Sheffield City Council*

Roger presently works on river flood protection within Sheffield. His present post is funded through an EU project focused on adaptability of flood measures and synergies with other investments. He also contributes in the coordination of learning alliances in the region as well as in the Don catchment.

Trained as a Landscape Architect and ecologist he has tended to find himself in a project management role within the environmental regeneration sector. With over 20 years experience he has been closely involved with the creation and management of substantial new investments in open spaces and green corridors.

A strong interest in SUDS was sparked by his project management of the Manor scheme in Sheffield, a project cited as good practice by DEFRA and the Landscape Institute. Since then he has continued to push the SUDS agenda by completing a study into SUDS feasibility in brownfield housing, acting as SUDs advisor to a number of schemes and contributing to CIRIA publications. He has delivered training and talks to a number of organizations and presented papers at conferences. Recently he has co written the Foundation for Water Research's review of current practice on green infrastructure and surface water management. Presently he is studying for a PhD at Sheffield University Civil; Engineering Department focused on urban design and rainwater management.

### **Chryse Tinsley BA BA dip LD CMLI MSC** *Landscape Planner Leicester City Council*

Chryse Tinsley has qualifications in architecture, landscape architecture, environmental management. Her career path has been one of becoming ever 'greener'. The Environmental Management MSC

(2004) looked particularly at involving people in environmental decision making. This followed a total of 16 years in different Groundwork Trusts in the East Midlands; work has included both public and private sector work; currently working in Leicester City Council. Her present job includes conventional landscape work as part of the city's public realm improvements, wetland creation work and work around SuDS – spreading knowledge and forming networks. In 2010 Chryse was invited to join DEFRA's Project Advisory Board as a part of the developing National Standards. In July this year Chryse made a presentation to the head of the Environment Agency about the work in the city with the Environment Agency to carry out practical schemes and to prepare people for the forthcoming National Standards.