

# URSULA

## INTEGRATING MULTIPLE FACETS OF RIVER CORRIDOR DEVELOPMENT

17/18 November 2011

Mercure St Paul's Hotel, Sheffield City Centre



### URSULA Project team



### Media partners





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There is a developing consensus that rivers in the urban environment now provide an asset to the city and wider reaches, rather than being just drains for stormwater and channels of pollution. River corridors, particularly in urban settings, can offer a wealth of benefits such as landscape enhancement, ecosystem vibrancy, flood control mechanisms, and opportunities for both economic development and recreation activities.

The URSULA project at the University of Sheffield brings together research from a number of disciplines to demonstrate the gains which may be made by integrated and innovative development in urban river corridors. This conference is the culmination of the four year project, and we have pleasure in inviting you to share our results.

The project uses the River Don in the centre of Sheffield as a case study, to demonstrate such diverse topics as:

- quantifying the cooling effect of the river
- mapping and analysing patterns of biodiversity
- investigating perception of biodiversity and people's wellbeing
- exploring the impact of alternative urban designs on costs and values
- understanding how people and users influence river corridor development

A key part of the project has been an integrated assessment of alternative master plan designs of a specific site on the River to develop a knowledge-based model, which can then be applied to other scenarios to aid design choice. We have combined issues of town planning and landscape, ecology, economics and other disciplines to produce different designs for the site. Visualisation methods have played a key part, and the team has developed a variety of methods using different media which have proved extremely successful.

We also welcome our guest speakers Professor Matt Kondolf from the University of California at Berkeley, who will be explaining different strategies for river restoration; and Dr Jon Robinson from URS Scott Wilson, speaking on Urban Blue Corridors

The conference has plenty to interest anyone involved in urban river corridor environments and development, such as local authority officers involved with planning, regeneration and development, professional working with flooding in the urban environment, and ecologists working on quality and biodiversity. And of course, it is for all those people who live, work or play in a city with a river corridor!

You can learn more about the project on our website [www.ursula.ac.uk](http://www.ursula.ac.uk)

## INTEGRATING MULTIPLE FACETS OF RIVER CORRIDOR DEVELOPMENT

### Day 1: 17 November 2011

#### Session 1 Issues in urban river corridors

9:50 Welcome to the conference; David Lerner

10:00 *Keynote: Rivers wild, rivers urban – how do we select appropriate restoration strategies?* Matt Kondolf, University of California at Berkeley

10:45 Issues in the Don catchment; Simon Ogden, Sheffield City Council

11:15 The wildlife and ecology of an urban river corridor; Jim Rouquette

11:45 Biodiversity and the feelgood factor: understanding associations between self-reported human well-being and species richness; Martin Dallimer

#### 12:15 Lunch

#### Session 2 Green roofs, SUDS and access

13:00 The hydrological performance of green roofs in a UK climatic context; Virginia Stovin

13:30 Climate and the opportunities to use SUDS; Abigail Hathway

14:00 Integrated Access Assessment; Mel Burton

#### 14:30 Dessert

#### Session 3 Urban weirs: benefits and problems

15:00 The impact of weirs in the Don catchment; Ed Shaw

15:30 Hydro power – impacts and opportunities; Neil Johnson, Catherine Leonard

16:00 Testing the usefulness of a tool to aid Integrated Catchment Management; Ed Shaw

16:30 Close and refreshments

19:30 Conference Dinner (optional)

### Day 2: 18 November 2011

#### Session 4 Decision making

8:50 Welcome to the conference.

9:00 *Keynote: Urban blue corridors & surface water management;* Jon Robinson, URS-Scott Wilson

9:30 The network governance of urban river corridors; Steve Connelly

10:00 Participatory governance in action? The case of the Five Weirs Walk Trust; Liz Sharp

10:30 Exploring locals' preferences for greening in urban river corridors; John Henneberry

11:00 URSULA as a collaborative process: accomplishing success; Susie Hodgson

#### 11:30 Lunch

#### Session 5 Integrated design and assessment

12:30 Urban forms and the sustainable living agenda (part 1); Laurence Pattacini

12:40 Integrating data with interactive visualisations; Lewis Gill

13:10 Developing sustainable urban riversides; Jim Rouquette

13:30 Integrated modelling for sustainability assessment for urban riversides; Vikas Kumar

14:00 Urban forms and the sustainable living agenda (part 2); Laurence Pattacini

14.20 Closing remarks; David Lerner

14:30 Refreshments and depart



# INTEGRATING MULTIPLE FACETS OF RIVER CORRIDOR DEVELOPMENT

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**Mercure St Paul's Hotel, Sheffield City Centre**

**The Venue:** The Mercure St Pauls Hotel in the centre of Sheffield, located within 5 minutes walk of the railway station. A special rate is available for conference delegates at this hotel by quoting 1611URS at time of booking.

**Accommodation:** There is a wide range of other accommodation available in Sheffield city centre and delegates may ask for a list of other hotels when they return the booking form.

**Conference fee:**

Conference fee for both days	£180
Group Rate [3 or more paying together]	£120/person
Full time Post Graduate student/ Retired CIWEM members	£100

- The fee includes food and refreshments and the conference papers for both days
- Delegates with special needs should complete the appropriate box on booking form
- There will be an optional evening dinner on Thursday 17 Nov at the hotel at £25

**Payment:**

- Payment may be by cheque, **or** credit card
- Registration may be completed via the University Online shop at <https://onlineshop.shef.ac.uk/browse/product.asp?catid=11&modid=2&compid=1>
- Cheques ( made payable to The University of Sheffield) should be sent to: **Jenny Chambers, Kroto Research Institute, North Campus, Broad Lane, Sheffield S3 7HQ**
- Confirmation of registration will be acknowledged on receipt of booking form
- Payment must be completed **BEFORE** the event
- Payment is due for all cancellations within ten days of the meeting. Refunds will only be issued for cancellation more than ten working days before the meeting; but substitutes are permitted

**Further details:** available from Jenny Chambers: 0114 222 5725 [j.a.chambers@shef.ac.uk](mailto:j.a.chambers@shef.ac.uk)  
Joining details (maps, directions and hotels) together with the programme will be on the URSULA website: [www.ursula.ac.uk](http://www.ursula.ac.uk)



**INTEGRATING MULTIPLE FACETS OF RIVER CORRIDOR DEVELOPMENT**  
**17/18 Nov 2011: Mercure St Pauls Hotel, Central Sheffield**

Name \_\_\_\_\_ Organisation \_\_\_\_\_

(BLOCK CAPITALS PLEASE)

Address \_\_\_\_\_

Telephone \_\_\_\_\_

Email address \_\_\_\_\_ please ensure this is legible!

Please register \_\_\_\_\_ place / s

I would like to attend the conference dinner \_\_\_\_\_ Cost (£25) \_\_\_\_\_

Total amount \_\_\_\_\_

Where did you hear about the conference?

I have special requirements as follows \_\_\_\_\_

I wish to pay by credit card \_\_\_\_\_

We will need to phone you to complete payment by credit card, or you may find it easier to book online using the link above.

- Please return completed booking forms to: **Jenny Chambers, Kroto Research Institute, North Campus, Broad Lane, Sheffield S3 7HQ**. She can answer any queries at 0114 222 5725 or via [j.a.chambers@shef.ac.uk](mailto:j.a.chambers@shef.ac.uk)