



# **RIVER RESTORATION CENTRE (RRC) 11th ANNUAL NETWORK CONFERENCE**

## **River Restoration: From Policy to Practice**

**Wednesday 14th April to Thursday 15th April 2010**

(Optional site visit on Friday 16<sup>th</sup> April to Birkby Nab Flood Storage Reservoir and Galphay Mill, River Laver)

**University of York,  
York  
England**

*For more information about the RRC or to contact us please*

*Refer to our website: [www.therrc.co.uk](http://www.therrc.co.uk),*

*Email us [at:rrc@therrc.co.uk](mailto:at:rrc@therrc.co.uk) or*

*Or Tel: 01234 752979.*

*We can also be found on [Facebook](#)*



**ARUP**



Penny Anderson  
Associates Ltd  
CONSULTANT ECOLOGISTS



**Halcrow**



 British Ecological Society

**JACOBS** **ATKINS**

## PROGRAMME

### The River Restoration Centre 11<sup>th</sup> Annual Network Conference 2010 University of York.

#### Day 1: Wednesday 14th April 2010

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9.00 - 10.20	<u>REGISTRATION &amp; REFRESHMENTS (Vanbrugh Foyer)</u>	
<b>Main Auditorium (Large Lecture Theatre LN028, Langwith College)</b>		
	<b>CHAIR</b>	<b>Karen Fisher (<i>KR Fisher Consultancy Ltd</i>)</b>
10.30	<b>Announcements:</b> Martin Janes ( <i>River Restoration Centre</i> )	5 mins
10.35	<b>Introduction:</b> Karen Fisher ( <i>River Restoration Centre Chair</i> )	15 mins
10.50	<b>Keynote Speaker:</b> Hans Ole Hansen ( <i>Danish Forestry and Nature Agency</i> ). The Houting Project . The largest nature restoration in Denmark.	25 mins
11.15	<b>Discussion</b>	10 mins
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<b>Main Auditorium (Large Lecture Theatre LN028, Langwith College)</b>		
<b><u>Session 1</u>                      <u>Planning restoration for the WFD era</u></b>		
<b>CHAIR</b> Jonty Gibson ( <i>Environment Agency</i> )		
11.25	James King et al. ( <i>Republic of Ireland Central Fisheries Board</i> ). Planning restoration for the WFD: addressing hydromorphology and biodiversity issues in arterially-drained Irish catchments.	15 mins
11.40	Roy Richardson ( <i>SEPA</i> ). Delivering River Restoration in Scotland.	15 mins
11.55	<b>Discussion</b>	10 mins
12.05	Duncan Huggett et al. ( <i>Environment Agency</i> ). Working with Natural Processes: New Paradigm or Old Hat?	15 mins
12.20	George Heritage et al. ( <i>JBA Consulting, University of Salford</i> ). Managing reactive rivers. Lessons from upland channels in the UK.	15 mins
12.35	<b>Discussion</b>	10 mins
12.45	<b>Poster Introductions</b>	
12.55	<hr/> <b>LUNCH</b> <hr/> <b>(Vanbrugh Dining Room, collection at Servery nearby)</b> <hr/>	
<b>Session 2 commences at 14:05 (parallel sessions)</b>		
<b>Please allow sufficient time to get to your chosen session</b>		

Allowances are made in the schedule to move between rooms, times listed are session start times.

Day 1 Continued

Session 2

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	<b>A. Your river, your views!</b>	<b>B. Making space for water</b>	
	<b>Main Auditorium</b> (Large Lecture Theatre LN028, Langwith College)	<b>Second Auditorium</b> (Lecture Theatre V045, Vanbrugh College)	
<b>CHAIR</b>	<b>Fiona Bowles</b> ( <i>Wessex Water</i> ) <b>Mary, University of London</b>	<b>Geraldene Wharton</b> ( <i>Queen</i> )	
14.05	Eva Stuetzenberger ( <i>Natural England</i> ). Evaluation of the Living River Project.	Robin Field ( <i>Revital-ISE Project</i> ). Wet meadow restoration on the Rivers Nene and Ise, Northamptonshire.	15 mins
14.20	Ulrika Aberg et al. ( <i>University of Leeds</i> ). Public perceptions 10 years on: assessment of the social benefits of the River Skerne rehabilitation project.	Paul Winfield et al. ( <i>Royal Haskoning</i> ). Creating Wet Floodplain Forest: a sustainable flood management solution.	15 mins
14.35	Emma Westling et al. ( <i>Catchment Science</i> <i>Centre, University of Sheffield</i> ). River restoration schemes: are outcomes desirable for local residents?	Duncan Huggett et al. ( <i>Environment</i> <i>Agency</i> ). Working with natural processes - the role of flood storage areas.	15 mins
14.50	<b>Discussion</b>	<b>Discussion</b>	15 mins

**Session 3**

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15.05	<b>POSTER SESSION (Vanbrugh ICR)</b> <b>&amp; TEA/COFFEE</b> <b>(Vanbrugh Snack Bar and Registration Foyer)</b>		40 mins
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**Session 4 commences at 15:55**

**Please allow sufficient time to get to your chosen session**

Allowances are made in the schedule to move between rooms, times listed are session start times.

Day 1 Continued

**Session 4 A - River restoration:  
policy to practice**

Main Auditorium  
(Large Lecture Theatre LN028,  
Langwith College)

**B - Multi-functional river  
restoration schemes**

Second Auditorium  
(Lecture Theatre V045, Vanbrugh  
College)

**CHAIR**

**Archie Ruggles-Brise**  
*(Association of Rivers Trusts)*

**Sue Tapsell** *(Flood  
Hazard Research Centre)*

15.55	Rosie Blackmore et al. ( <i>Environment Agency</i> ). The WFD: Flood & Coastal Risk Management contribution to the First River Basin Planning Cycle.	Richard Peddie ( <i>Environment Agency</i> ). Ravensbourne River Corridor Improvement Plan.	15 mins
16.10	Lucy Bolton ( <i>Environment Agency</i> ). Restoration and the EA: Policy to Practice.	Mark Job ( <i>Arup</i> ). Designing for integrated social and ecological benefits in river restoration.	15 mins
16.25	Matt Jones ( <i>Staffordshire Wildlife Trust</i> ). Farming Floodplains for the Future: Promoting New Approaches to Flood Risk Management.	Rob Mungovan ( <i>South Cambridgeshire District Council</i> ). River Cam Habitat and Access Enhancement Project.	15 mins
16.40	<b>Discussion</b>	<b>Discussion</b>	10 mins
16.50	<b>BREAK (Water will be made available)</b>		15 mins

**Session 5**

**Sediment and rivers**

Main Auditorium (Large Lecture Theatre LN028, Langwith College)

**CHAIR Shaun Leonard (Wild Trout Trust)**

17.05	Jo Shanahan et al. ( <i>Atkins</i> ) Sediment Matters for Successful River Restoration.	15 mins
17.20	Simon Hirst et al. ( <i>North Yorkshire Moors National Park Authority, Environment Agency</i> ). River Restoration Work for Freshwater Pearl Mussels and Atlantic Salmon on the River Esk, North Yorkshire.	15 mins
17.35	Nick Streeton et al. ( <i>JBA Consulting</i> ). Wider global perspectives - rehabilitation of incised valley floors.	15 mins
17.50	<b>Discussion</b>	10 mins
18.00	<b>Open Discussion</b>	20 mins
18.20	<b>End of Day 1</b>	
19.45	<b>CONFERENCE DINNER at Vanbrugh Dining Room To be Served at 20.00 Vanbrugh Bar (extension until 01.00)</b>	

## PROGRAMME

### The River Restoration Centre 11<sup>th</sup> Annual Network Conference 2010 University of York

Day 2: Thursday 15th April 2010

8.30 - 8.50

DAY DELEGATE REGISTRATION (Vanbrugh Foyer)

#### Session 6

9.00

Announcements

10 mins

**A - Urban river corridors**

**B - Strategic restoration**

Main Auditorium

Second Auditorium

(Large Lecture Theatre LN028,  
Langwith College)

(Lecture Theatre V045, Vanbrugh  
College)

**CHAIR**

**Rob Oates** (*Thames River  
Restoration Trust*)

**Hans Ole Hansen** (*Danish  
Forestry and Nature Agency*)

9.10

Tom Wild et al. (*Catchment Science  
Centre, University of Sheffield*). Can  
collaborative visualisation help  
deliver more sustainable urban  
river corridors?

Katherine Causer et al. (*Environment  
Agency*). Mersey Life - Integrating  
River Restoration into Regional and  
Local Planning.

15 mins

9.25

Geraldene Wharton et al. (*Queen  
Mary, University of London*).  
Restoring Mayes Brook and  
Mayesbrook Park, East London:  
an interdisciplinary pre-project  
appraisal.

Fiona Bowles et al. (*Wessex Water*). The  
trials and tribulations of strategic  
restoration planning on the River Avon  
SAC.

15 mins

9.40

Lucy Shuker (*Queen Mary, University  
of London*). Using the Urban River  
Survey (URS) to appraise potential  
sites and restoration options for  
heavily modified rivers and  
streams.

David Brown et al. (*Environment Agency*).  
Evaluating the Benefits of River  
Restoration: A Cumbrian Perspective.

15 mins

9.55

**Discussion**

**Discussion**

15 mins

10.10

**TEA & COFFEE** (available in Langwith JCR upper & lower)

30 mins

(10:20)

**Site Visit** (Meet in Vanbrugh turning bay) - Tang Hall Beck

(2.20hrs)

10.45

(Or) **Workshops** (all in Langwith college)

1hr 55 mins

12.40

**LUNCH** (Vanbrugh Dining Room)

1hr 10 m

**Session 7 commences at 14:00 (parallel sessions)**

Please allow sufficient time to get to your chosen session

Day 2 Continued - PARALLEL SESSION PROGRAMME

**Session 7 A. Designing form and function**

Main Auditorium (Large Lecture Theatre LN028, Langwith College)

**CHAIR Jenny Mant (*River Restoration Centre*)**

1400 Antonia Scarr (*Environment Agency*). Estuary edges: Ecological design guidance.

1415 Neil Entwistle et al. (*Salford University*). Value of large woody debris in erosion mitigation and morphological enhancement: a case study of River Churnet, Staffordshire.

1430 Claire Thirlwall (*Thirlwall Associates*). A river runs through it - the importance of landscape context in river restoration.

1445 **Discussion**

15.05

**B. Assessing restoration potential**

Second Auditorium (Lecture Theatre V045, Vanbrugh College)

**Martin Janes (*River Restoration Centre*)**

Sally-Beth Kelday et al. (*Jacobs*). Linking Environmental Impact Assessment, Hydromorphology and the WFD: The Potential for River Restoration.

Judy England et al. (*Environment Agency*). Application of new biotic index (PSI) to assess the effectiveness of river restoration schemes on in-stream biota.

Samantha Hughes et al. (*Centre for the Research and Technology of Agro-Environment and Biological Sciences, Tras-os-Montes e Alto Douro University, Portugal*). An integrated approach for restoring Mediterranean river systems: habitat quality, biological indicators and appropriate restoration techniques.

**Discussion**

**INTERVAL (Return feedback forms)**

**C. In-channel barriers: can we get over them?**

Third Auditorium (Langwith college, room LN036)

**Andy Pepper (*AIPECRiver Engineering Consultancy*)**

Ed Shaw et al. (*Catchment Science Centre, University of Sheffield*). Where weirs were: A look at the benefits of weir removal. 15 mins

Gert Akkerman et al. (*Royal Haskoning*). River restoration in combination with controlled removal of fixed weirs: A case study in the Netherlands: Gammelkerbeck. 15 mins

Jonah Tosney et al. (*Durham University*). Reintroducing spate flows to impounded rivers - measuring the ecological impacts of short-duration reservoir releases. 15 mins

**Discussion** 20 mins

15 mins

Allowances are made in the schedule to move between rooms, times listed are session start times.

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**Session 8**

**Monitoring for management; what it tells us**

Main Auditorium

(Large Lecture Theatre LN028, Langwith College)

**CHAIR Peter Worrall (Penny Anderson Associates Ltd)**

15.20	Joanna Eyquem et al. ( <i>Royal Haskoning</i> ). Quantitative monitoring of river restoration: review of techniques for future application.	15 mins
15.35	James Holloway et al. ( <i>River Restoration Centre</i> ). Lessons from the Shopham Loop monitoring programme.	15 mins
15.50	Jenny Wheeldon ( <i>Natural England/Environment Agency</i> ). The physical restoration of SSSI rivers in England.	15 mins
16.05	<b>Discussion and closing remarks</b>	25 mins

**\*\*\*\*\* End of Conference \*\*\*\*\***

16.30	<b>TEA &amp; COFFEE (Langwith Snack Bar)</b>	30 mins
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**SITE VISIT INTRODUCTIONS**  
**(John Shillcock, Yorkshire Dales River Trust)**

**Main Auditorium (Large Lecture Theatre LN028, Langwith College)**

17.00	Birkby Nab Flood Storage Reservoir Galphay Mill, River Laver Only applicable to delegates staying for site visits on the third day	30 mins
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17.30	<b>End of Day 2 and evening arrangements</b>	
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**Allowances are made in the schedule to move between rooms, times listed are session start times.  
Delegates staying for the site visit have the evening free to explore York.**

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