
PROGRAMME OF EVENTS

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|-------|---|--------|
| 9:00 | REGISTRATION & REFRESHMENTS | |
| 10:30 | <u>Session 1 (supplement)</u> CHAIR: Geraldene Wharton (<i>Queen Mary, University of London & RRC Board</i>) Lecture Theatre 3 (LT3) - Floor D | |
| | Announcements: Martin Janes (<i>River Restoration Centre</i>) | 5 min |
| 10:35 | Introduction: Geraldene Wharton (<i>RRC Chair of Directors</i>) | 15 min |
| 10:50 | Keynote address: Emerging trends in river management and restoration: An agenda for the early Twenty-first century. Peter Downs (<i>University of Plymouth</i>) | 20 min |
| 11:10 | Discussion | 10 min |
| 11:20 | Engaging, Supporting and Transferring Knowledge for River Restoration in Europe – the EU LIFE+ RESTORE Project. Martin Janes (<i>River Restoration Centre</i>) | 15 min |
| 11:35 | Discussion | 5 min |
| 11:40 | SHORT BREAK TO MOVE TO SPLIT SESSIONS | 20 min |

Session 2:

12:00

FILLING GAPS IN KNOWLEDGE & INFORMATION RESOURCES

A – LINKING HYDROLOGY, MORPHOLOGY AND ECOLOGY (supplement)

CHAIR: Peter Downs
(*University of Plymouth*)

Lecture Theatre 3 (LT3) –
Floor D

Using simple 2d modelling and geomorphology - habitat associations to assist in floodplain restoration. Caroline Anderton (*JBA Consulting*) et al.

12:15

Unravelling the complexities of fish habitat interactions for successful river rehabilitation. Michelle Smith (*University of Hull*) et al.

B – NEW TOOLS FOR RESTORATION (supplement)

CHAIR: Mervyn Bramley
(*Independent Engineer & Environmentalist & RRC Board*)

Lecture Theatre 2 (LT2) –
Floor C

The fluvial information system: Taking river restoration into the future. Alastair Graham and Stuart Clough (*Apem Ltd*) 15 min

Quantifying catchment-scale coarse sediment dynamics: Implications for sustainable river restoration projects. Chris Parker (*University of the West of England*) et al. 15 min

12:30

Discussion

Discussion

15 min

12:45

LUNCH (*plus 5 minutes to move to sessions*)
Foyer (Floor A) and Coffee in C33 (Floor C),
with **POSTER PRESENTATIONS**

65 min

13:50

**Session 3:
ENSURING SUCCESS**

A – REVIEWING ACHIEVEMENTS
(supplement)

CHAIR: Kevin Skinner
(Atkins & RRC Board)

Lecture Theatre 3 (LT3) – Floor D

B – CATCHMENT-SCALE
PLANNING &
IMPLEMENTATION
(supplement)

CHAIR: David Fraser *(APEM)*

Lecture Theatre 2 (LT2) – Floor C

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| | Assessing the impact of river rehabilitation schemes – A missing dimension or unnecessary procedure? Natalie Angelopoulos and Ian Cowx <i>(University of Hull)</i> . | The River Nar SSSI Restoration Strategy & Plan. James Holloway and Karen Fisher <i>(The River Restoration Centre)</i> | 15 min |
| 14:05 | Rehabilitation of hydro-geomorphological processes in a lowland UK river: Quantifying and assessing the effects of large wood reintroductions. Gemma Harvey <i>(Queen Mary, University of London)</i> et al. | An approach to improving the empirical evidence base for biological responses to geomorphological pressures. Chris Bromley <i>(SEPA)</i> et al. | 15 min |
| 14:20 | Post-project appraisal of the morphological and ecological performance of the Harbertonford flood alleviation scheme on the River Harbourne, Devon. Kayleigh Wyatt and Colin Thorne <i>(University of Nottingham)</i> | Catchment Sensitive Farming - A voluntary approach to implementing River Basin Management Plan measures in sensitive river catchments. Alison Tytherleigh <i>(Natural England)</i> et al. | 15 min |
| 14:35 | Discussion | Discussion | 15 min |

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| 14:50 | BREAK <i>(plus 5 minutes to move to sessions)</i> Coffee in Foyer and C33 (Floor C, with POSTER PRESENTATIONS (SEE LAST PAGE FOR OUTPUTS)) | 35 min |
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Session 4:

15:25

**THE LONG & SHORT OF IT –
LONGITUDINAL & LATERAL CONNECTIVITY**

**A – SEDIMENT DYNAMICS &
FLOODPLAINS (supplement)**

CHAIR: Colin Thorne
(Univ. Nottingham)

Lecture Theatre 3 (LT3) – Floor D

**Recreating an anastomosing
channel on the River Trent at
Croxall Lakes.** George Heritage
(JBA Consulting) et al.

15:40 **A framework for hydrological
connectivity management and site
suitability for delivery of
simultaneous ecosystem services
on a floodplain.** Niko Taktikos
(Cranfield University) et al.

15:55 **Targeting excessive fine sediment
in rural river systems - The rural
sediment tracing project.** Carolyn
Mills *(APEM Ltd)* et al.

16:10 **Discussion**

16:25 5 minutes to move to joint
session

**B – CONTEMPORARY
APPROACHES TO IN-STREAM
BARRIERS (supplement)**

CHAIR: Andrew Pepper *(ATPEC
River Engineering Consultancy & RRC Board)*

Lecture Theatre 2 (LT2) – Floor C

**In stream barriers assessment –
A multidisciplinary approach.** 15 min
Janet Shaw *(Atkins)* et al.

**Weir removal assessment and
evidence base.** Jenny Mant and 15 min
Andrew Pepper *(RRC and ATPEC)*

**A simple way to ease fish and eel
passage across a sluice apron.** 15 min
Mike Porter *(Environment Agency)* et
al.

Discussion 15 min

5 minutes to move to joint
session 5 min

SESSION 5 (SUPPLEMENT)

16:30

CHAIR: Colin Thorne (*Univ. Nottingham*)

Lecture Theatre 3 (LT3) – Floor D

15 min

Restoring rivers: The challenges of implementing whole–river plans and implications for the wider river network

Jenny Wheeldon (*Natural England*) et al.

16:45

Discussion

15 min

EVENING TEA

17:00

C33 (Floor C) – with **POSTER PRESENTATIONS**

60 min

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| | <u>Session 6:</u> | |
| 18:00 | <u>PARTNERSHIP WORKING & LOCAL ENGAGEMENT</u> <u>(supplement)</u> | |
| | Announcements & Introduction | 5 min |
| | CHAIR: Claire Thirlwall (<i>Thirlwall Associates & RRC Board</i>) | |
| | Lecture Theatre 3 (LT3) – Floor D | |
| 18:05 | Partnerships for river restoration - More for less? Ruth Needham (<i>OnTrent</i>) et al. | 15 min |
| 18:20 | How the Thames won the 2010 International Riverprize. Alastair Driver (<i>Environment Agency</i>) | 10 min |
| 18:30 | Development of a Water Framework Directive-driven restoration strategy for the River Trent. David Fraser (<i>Apem Ltd</i>) et al. | 15 min |
| 18:45 | Discussion | 5 min |
| 18:50 | MOVE TO SPLIT SESSIONS | 5 min |

Session 7:

A – NOTT FAR FROM

NOTTINGHAM (supplement)

CHAIR: Karen Fisher

(KR Fisher Consultancy & RRC Board)

Lecture Theatre 3 (LT3) – Floor D

B – PARTNERSHIPS

GREAT & SMALL

(supplement)

CHAIR: Fiona Bowles

(Wessex Water & RRC Board)

Lecture Theatre 2 (LT2) – Floor C

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| 18:55 | “Trout in the Town” – Urban River Restoration and Promotion by Local Community Groups. Paul Gaskell <i>(Wild Trout Trust)</i> | 3 Rivers clean up – Ravensbourne catchment SE London - A partnership approach to invasive species removal on a catchment scale. Victor Richardson and Matthew Blumler <i>(Thames 21 and QWAG)</i> | 15 min |
| 19:10 | Assessing the past for the future: A case study of Nottinghamshire's forgotten water meadows. Jon Hillman <i>(Scott Wilson)</i> et al. | Partnership works in Northern Ireland – Always start with a cup of tea. Judith Bankhead and Gareth Greer <i>(Rivers Agency)</i> | 15 min |
| 19:25 | Restoration of riparian habitats on the old course of the River Ise in Northamptonshire. Robin Field <i>(Revital-ISE)</i> et al. | The role of self-help groups in river flood management. Jonathan Simm <i>(HR Wallingford)</i> | 15 min |
| 19:40 | Discussion | Discussion | 20 min |
| 20:00 | ----- END OF CONFERENCE ----- | | |

POSTER PRESENTATIONS

[Contrasting hydromorphological systems: Differences between engineered and near natural reaches of the River Dee at Braemar](#)

[C. ANDERTON et al. \(JBA Consulting\)](#)

[Catchment and local scale restoration challenges in a high energy Scottish catchment](#)

[C. ANDERTON et al. \(JBA Consulting\)](#)

[A new coarse resolution, rapid-assessment methodology to assess the passability of obstacles to fish migration](#)

[C. BULL¹ & C. BROMLEY² \(¹ University of Stirling, ² SEPA\)](#)

Targeted maintenance, Mill Operating Protocols and river restoration strategy to deliver flood risk management and Good Ecological Potential at least cost

R. A. CHASE & A. C. PAOLI (Atkins)

Delivering a sustainable approach to controlling invasive non-native species on Dumfries and Galloway's Rivers

ANNE CONNICK (SEPA)

Facilitating the application of Output from REsearch and CAse STudies on Ecological Responses to hydro-morphological degradation and rehabilitation (FORECASTER)

I. COWX et al. (University of Hull)

Implementing a monster river restoration programme

JO CULLIS et al. (Halcrow)

Building in sustainability – The use of synthetic geo-textiles in river restoration

P. F. EASTON & S. CAIN (Cain Bio-Engineering)

Weir removal, lowering and modification: a review of best practice

N. ELBOURNE (The River Restoration Centre)

Practical River Appraisal Guidance for Monitoring Options (PRAGMO)

I. ENGLAND et al. (Environment Agency)

Metal concentrations in sediments within restored and un-restored London rivers

H.M. GIBBS et al. (Queen Mary, University of London)

Utilising river restoration to improve water quality

D. M. HAMMOND¹ & A. SCOTT² (¹The River Restoration Centre & ²Yorkshire Water)

Predicting ecological gains following assisted natural recovery:

An example from the River Ribble at Long Preston Deeps

G. L. HERITAGE & K. SHEEHAN (JBA Consulting)

The hydromorphological consequences of channel management:

Lessons from upland systems in the UK

G. L. HERITAGE et al. (JBA Consulting)

An ecological vision for the River Lugg SSSI

B. LASCELLES et al. (Hyder Consulting)

Local partnership and mechanical excavators deliver value for money and sustainable river restoration

A. MAXWELL et al. (Environment Agency)

Developing cost-effective restoration options for the Nant Mills fish pass

J. A. MOON & R. JONES (Black & Veatch)

Morphological adjustment and ecological response to tributary reconnection in an upland river

E. C. QUINLAN et al. (University of Aberdeen)

Some simple tools for communicating the biophysical condition of urban rivers

to support high-level discussions regarding river restoration

LUCY SHUKER (Queen Mary, University of London)