

# Advances in River Science 2011

18-21 April 2011

Swansea, United Kingdom

*Accounting for sediment, habitat and morphology in integrated river and flood risk management*

## Workshop overview:

Advances in River Science 2011 is an international workshop sponsored by the UK Flood Risk Management Research Consortium ([www.floodrisk.org.uk](http://www.floodrisk.org.uk)) that is directed towards advancing integrated river and flood risk management, focusing on the role of sediment and habitat in increasingly complex, dynamic and natural-human hybrid river environments. The workshop aims to demonstrate best practice from around the world in key themed areas, and to provide a forum for early-career researchers and practitioners to discuss ideas and approaches with established international leaders in their respective fields. The final day of the workshop is devoted to the identification of emerging research agendas, and further collaborative funding opportunities. An outstanding group of keynote speakers, discussants and stakeholder/practitioner representatives have now been confirmed.

## Scientific themes:

### 1) *Virtual catchments and data*

Keynote speakers: David Maidment (University of Texas, USA) & Robert Gurney (University of Reading)  
Discussant and session chair: Heye Bogena (Forschungszentrum Jülich, Germany)

### 2) *River and catchment appraisal, typology and reconnaissance:*

Keynote speakers: Dov Corenblit (L'Université Paris Diderot, France) & David Gilvear (University of Stirling)  
Discussant and session chair: David Montgomery (University of Washington, USA)

### 3) *Altered morphodynamics:*

Keynote speakers: Paul Bates (University of Bristol) & Nigel Wright (University of Leeds)  
Discussant and session chair: Hervé Piégay (CNRS, France)

### 4) *Challenges to integrated management:*

Keynote speakers: Gary Brierley (University of Auckland, New Zealand), Angela Gurnell (Queen Mary, University of London) & Colin Thorne (University of Nottingham)  
Discussant and session chair: Ainun Nishat (BRAC University, Bangladesh)

**Stakeholder/practitioner representatives:** Jenny Mant (River Restoration Centre, UK), Sean Longfield (Environment Agency, UK), Roy Richardson (SEPA), John Rees (NERC/LWEC) & Kevin Skinner (Atkins, UK)

## Venue and dates:

Advances in River Science 2011 will be held from 18-21 April 2011 at Swansea University. The venue overlooks the majestic sweep of Swansea Bay and lies within easy reach of the Gower Peninsula, Britain's first "Area of Outstanding Natural Beauty".

**For further information about Advances in River Science 2011, and/or to submit an abstract for an oral paper or poster, please visit [riverscience.wikidot.com/workshop](http://riverscience.wikidot.com/workshop)**