



# **BRAIDED RIVER WORKSHOP 2014**

***23<sup>rd</sup> – 27<sup>th</sup> June 2014***

**Die, France**

Organizing committee:

P.Ashmore, W.Bertoldi, J.Brasington, A.Recking, N.Surian



## **MOTIVATIONS AND OVERALL STRUCTURE OF THE WORKSHOP**

Following the EGU2012 session on braided rivers, a group of people decided to organize this workshop, with the aim to share ideas, analysis, and data on braided rivers **recent research and future perspectives**.

During the 4 days, a group of 48 people (half are PhD students or early career researchers) will discuss about research questions, methodologies and applications, exploring braided rivers from different points of view.

We identified 6 major topics:

- 1. Terminology, metrics and classification***
- 2. Morphodynamics and vegetation***
- 3. Hydraulics and sediment transport***
- 4. Sedimentology, morpho-texture, sorting***
- 5. Measurements (field, remote sensing)***
- 6. Numerical modelling***

There will be both small group discussions on specific topics, as well as general meetings.

Possible outcomes of the workshop include:

- a shared picture of the state-of-the-art knowledge on braided rivers and of the main gaps and unexplored areas;
- an update of the most recent methodologies on measurement and modelling techniques;
- the possibility to create research networks, and to share data in order to improve the scientific results of the participants;
- depending on the results of the discussions, one (or more) review publication(s);
- the possibility to share interests and ideas on possible future projects on braided rivers.

## **POSTER PRESENTATIONS**

During the workshop there will be the possibility for all participants to display a **poster** on recent results, projects, and ideas. There will not be a dedicated poster sessions but posters will be displayed during the whole workshop with several opportunities (e.g. coffee breaks) for discussion.

# PROGRAM

## Monday, 23<sup>rd</sup>

- 14.00 – 15.30 Welcome and round table: presentation of the participants
- 15.30 – 17.00 What are the relevant research questions on braided rivers?
- 17.00 – 18.00 How do we intend to spend these 5 days?

## Tuesday, 24<sup>th</sup>

- 9.00 – 10.30 Parallel session 1 (topics 1,2,3,4)
- 10.30 – 11.00 Coffee break
- 11.00 – 12.30 Parallel session 2 (topics 1,3,5,6)
- 12.30 – 14.00 Lunch
- 14.00 – 15.30 Parallel session 3 (topics 2,4,5,6)
- 15.30 – 16.00 Coffee break
- 16.00 – 18.00 General meeting: summary from parallel sessions and discussion

## Wednesday, 25<sup>th</sup>

Field excursion on the Drome and the Abeoux Rivers

## Thursday, 26<sup>th</sup>

- 9.00 – 10.30 Parallel session 4 (topics 1,2,3,4)
- 10.30 – 11.00 Coffee break
- 11.00 – 12.30 Parallel session 5 (topics 1,3,5,6)
- 12.30 – 14.00 Lunch
- 14.00 – 15.30 Parallel session 6 (topics 2,4,5,6)
- 15.30 – 16.00 Coffee break
- 16.00 – 18.00 General meeting: summary from parallel sessions and discussion

## Friday, 27<sup>th</sup>

- 9.00 – 10.30 Final discussion on possible outcomes of the workshop
- 10.30 – 11.00 Coffee break
- 11.00 – 12.30 What next?
- 12.30 – 14.00 Lunch

On Thursday the parallel sessions may focus on a different combination of topics, depending on the outcomes of the discussion on Tuesday and on participants interest.

## **LIST OF PARTICIPANTS**

Peter Ashmore  
Nico Batz  
MariaBejar  
BarbaraBelletti  
PhilippeBelleudy  
Walter Bertoldi  
Jim Best  
James Brasington  
Benoit Camenen  
Margot Chapuis  
Francisca Chiriloaei  
Mike Church  
Simon Dixon  
Kumar Gaurav  
Thomas Geay  
Angela Gurnell  
Murray Hicks  
Joe James  
Camille Jourdain  
Alan Kasprak  
Sandrine Lallias-Tacon  
Stuart Lane  
Pauline Leduc  
Jules Leguern

Fred Liebault  
Erik Mosselman  
Oldrich Navratil  
Anrew Nicholas  
Sarah Peirce  
Yael Peretz-Storz  
Hervé Piégay  
John Pitlick  
Guillaume Piton  
Bishnu Raj Baral  
Ester Ramos  
Alain Recking  
Marco Redolfi  
Ismail Rifai  
Clement Roux  
Greg Sambrook-Smith  
Umesh Singh  
Guglielmo Stecca  
Nicola Surian  
Michal Tal  
Damia Vericat  
Matilde Welber  
Joe Wheaton  
RichardWilliams

## **WHAT IS INCLUDED IN THE FEE**

Accommodation and food from Monday (14.00) to Friday (lunch is included) at the Domaine de Sainte Croix (<http://www.le-monastere.org/en/>), wifi, the field trip.

## **HOW TO REACH THE PLACE**

By train on the national French rail system (see <http://www.cff.ch/horaire.html>). We will organize transport from Lyon and Grenoble to Die, please let us know your travel plans.

## **CONTACTS**

For any question, please contact:  
Alain Recking [alain.recking@irstea.fr](mailto:alain.recking@irstea.fr) or Walter Bertoldi [walter.bertoldi@unitn.it](mailto:walter.bertoldi@unitn.it)

## **WEBSITE**

<http://braidingriver.irstea.fr/>