

## CALL FOR ABSTRACTS

I.S.Rivers is an international conference dedicated to research and practices on natural and human-impacted large rivers. It aims at promoting multidisciplinary approaches and engaging all stakeholders.

**Submit your abstract – See you in Lyon, France, from 4<sup>th</sup> to 8<sup>th</sup> June, 2018!**



### Why participate in I.S.Rivers 2018?

**I.S.Rivers attracts research and management professionals, and promotes multidisciplinary approaches**

It allows French and international scientists, policymakers and technicians to present, discover and discuss the latest **scientific knowledge** and **case studies** regarding river hydrosystems. It is a chance to share the latest research, practices, implementation of local policies on different scales and geographical, social contexts: hydrographic districts (watershed), corridors, large cities, transition zones and estuaries.



**I.S.Rivers engages all stakeholders and builds links**

I.S.Rivers **stimulates European and international collaborations between scientists and river managers** for the purpose of improving decision support and practices. By welcoming scientists, large river managers, residents, and by offering **French-English simultaneous translation** in all sessions and technical tours, I.S.Rivers **promotes knowledge transfer and helps build links between stakeholders**.

### Submit an abstract for I.S.Rivers 2018!

**The heart of the conference is your expertise, perspectives and experiences**

By participating in the 3<sup>rd</sup> I.S.Rivers, you will contribute not only to the conference, but to the evolution of knowledge and practices towards a better sustainable and integrated river management. It is, indeed, around your research, action and case studies that the conference is built.

**An opportunity to enhance your work**

A diversity of possible presentation formats will enable you to present in a way that suits the nature of your project. Extended abstracts (2-3 p.) will be included in the conference proceedings and on the I.S.Rivers website. Will also be given to scientists the opportunity to submit their contribution to a recognised international journal.



### I.S.Rivers: a unique occasion in Europe to...

- Provide an overview of worldwide river management and restoration practices.
- Discover the most recent developments regarding knowledge, methodology and decision support tools, integrating research results, for a sustainable management of rivers.

### I.S.Rivers includes...

- Specialised workshops on Monday 4<sup>th</sup> June.
- 2.5 conference days from 5<sup>th</sup> to 7<sup>th</sup> June, 2018:
  - 200 presentations expected (oral and poster), with works from more than 30 countries, incl. 1/3 from European countries. 50% of presentations are scientific and 50% are case studies.
  - Plenary conferences presenting innovative approaches and highlighting some of the world's rivers.
- Technical tours on Thursday 7<sup>th</sup> June afternoon and Friday 8<sup>th</sup> June.

### I.S.Rivers 2015 in a nutshell

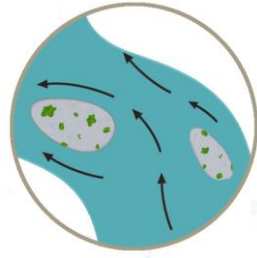
450 participants - 25 countries  
 49% scientists, 24% government agencies,  
 17% private companies, 10% NGOs  
 2.5 days of conferences - 190 oral and poster  
 presentations - 70 rivers represented  
 Prestigious keynote speakers at the opening and  
 closing plenaries - 3 specialised workshops -  
 4 technical tours



## TRAJECTORIES AND ADAPTATION TO GLOBAL CHANGE

### Co-evolution of rivers and society

- **Retro-observations and trajectories**
  - Biophysical history, sedimentary archives, ecological dynamics
  - History of pollutions
  - History of humans and their environment
  - Evolution of public policies, river management and planning practices
- **Adaptive management and planning in the context of global change**
  - Identifying and modelling changes
  - Adapting to changes
  - Sharing water and managing structures
- **Extreme events**
  - Effects and management of droughts, floods, heatwaves, accidental pollutions



## RIVER FUNCTIONING, QUALITY AND SERVICE

### From bioindication to river good status

- **River quality**
  - Hydromorphological and thermal alterations
  - Chemical pressures
  - Functional bioindicators
  - Effects and management of hydropeaking, sediment flushing, and maintenance practices
- **Taking into account connectivity**
  - Ecological and sediment continuity
  - From erodable to optimal functioning corridors
- **Ecosystem services**
  - Assessment methods
  - Implementation at the watershed scale
  - Communication issues



## ECOLOGICAL RESTORATION AND MANAGEMENT ISSUES

### Feasibility, evaluation, strengths and policy issues

- **Action planning and hierarchisation**
  - Basing action on local knowledge
  - Methods and practices for action prioritisation
  - Regionalised diagnosis
- **Restoration steps**
  - Risk analysis, feasibility study
  - Prediction of socio-ecological dynamics
  - Stakeholder involvement in projects
- **Avoid, reduce, offset**
  - Conservation methods and practices
  - Ecological engineering innovations
- **Innovative monitoring and assessment strategies**
  - Efficiency of measures
  - Restoration monitoring, long term surveys



## RIVERS AND HUMAN IN INTERACTION

### Perception, governance, values, fair management

- **Perception, representation and values associated to the river**
- **Rivers as growth levers for territories**
  - On the watershed scale
  - On the local scale (metropolis...)
- **Governance**
  - Borders and territoriality
  - Participation and stakeholder interactions
  - Place of the public in river policy
- **Fair and integrated management**
  - Multiple river uses
  - Hierarchisation of issues
  - Social reappropriation of a common good

**graie** ZABR



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## Expected contributions

### Scientific contributions

Contributions that focus on our understanding of the evolution and complexity of rivers, with particular emphasis on environmental and socio-economic implications, to inform possible management strategies. These presentations will illustrate experiences of collaborative intervention, between different stakeholders, to further knowledge and integrative action.

### Case studies

Presentation of case studies, contexts, strategies and innovative actions at different spatio-temporal scales, with the site-specific focus enabling the transferability of findings to be discussed. Approaches that combine scientific and operational viewpoints with scientific analysis of their associated environmental benefits will be particularly welcomed.

### Prospective contributions

Introducing new concepts to better understand river complexity and associated processes for management.

## To submit an abstract

You may fill a **declaration of intent** [via the online form](#) by October 15<sup>th</sup>, 2017 (optional).

Your **final contribution (extended abstract)** must be submitted by November 20<sup>th</sup>, 2017. Please ensure that your proposal fits the I.S.Rivers 2018 themes. It must, on the first page, include a French-English translation of the title and of the 10-line summary (we can undertake this translation – rate TBC – if required, after the abstract selection), and will be followed by an extended abstract (2 pages maximum). This extended abstract must be written in French or English, and comply with the [instructions](#) and the [I.S.Rivers template](#).

## Selection

The scientific committee, made up of 18 members, with the support of external scientific and technical experts, will select the final contributions and divide them into oral and poster presentations.

The abstract selection will take into account the following criteria:

- Connection with the conference themes,
- Innovation (approach originality, subject interests, results never presented before, ...),
- Quality of the presented work (including literature studies for the scientific contributions),
- Experience and information transferability,
- Clarity of the proposal (approach, aims, conclusions and drafting quality).

## Key dates

Declarations of intent (optional):  
15<sup>th</sup> October, 2017

Extended abstracts:  
20<sup>th</sup> November, 2017

Notification of acceptance:  
15<sup>th</sup> February, 2018

Dates of the conference:  
4<sup>th</sup> to 8<sup>th</sup> June, 2018





# Partners

Co-organised by ZABR (*Rhone Basin Long Term Environmental Research Observatory*) and GRAIE (*Group of research, technical coordination and water information*), I.S.Rivers is supported by several partners.

## Technical and financial partners

This project is cofinanced by the European Union



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## International associations

AIVP\* - CIREF - CIRF - Deltares\* - ECRR - EurAqua - IAG – IAHR\* - International River Foundation\* - OIEau - SER Europe - SIL\* - UNESCO HELP\*

## French associations

AFEPTB - AFL - ASTEE - CFBR\* - CNRR - FCEN - Initiatives pour l'avenir des grands fleuves\* - PFE - RNF - SHF - GFG\* - LE RUCHE - REVER\*

## Scientific committee

Chairs:

Pierre Marmonier, Université Lyon 1, FRANCE – Hervé Piégay, CNRS-ENS Lyon, FRANCE – Marylise Cottet, CNRS-ENS Lyon, FRANCE – Nicolas Lamouroux, IRSTEA Lyon, FRANCE

Members: Tom Buijse, Deltares Utrecht, THE NETHERLANDS – Arturo Elosegi, University of The Basque Country, SPAIN – Teresa Ferreira, University of Lisbon, PORTUGAL – Nicolas Flipo, Ecole des Mines de Paris, FRANCE – Ian Fuller, Massey University, NEW-ZEALAND – Robert Grabowski, Cranfield University, UK – Futoshi Nakamura, Hokkaido University, JAPAN – Claudia Pahl-Wostl, Humboldt-Universität zu Berlin, GERMANY – Jean-Luc Probst, Ecolab - Université de Toulouse 3, FRANCE – Massimo Rinaldi\*, University of Florence, ITALY – Wouter van de Bund, JRC, European Union, ITALY – Christine Weber, EAWAG, SWITZERLAND – Joe Wheaton, Utah State University, USA – Christian Wolter, Leibniz-Institute of Freshwater Ecology and Inland Fisheries, GERMANY

## Steering committee

General secretaries: Elodie BRELOT, GRAIE Manager and Anne CLEMENS, ZABR Manager

Agence de l'eau RMC, Eve Sivade – Agence française pour la biodiversité, Anne Vivier, Jacques Dumez et Josée Peress – ASTEE, Nicolas Chantepy – CNR, Marie Bearez et Thomas Pollin – DREAL Auvergne Rhône-Alpes, Christophe Charrier – EDF, Isabelle Jacquélet – Feder Plan Rhône, Laetitia Faure – Métropole de Lyon, Olivier Pillonel et Elodie Renouf – Région Auvergne Rhône-Alpes, Alain Martinet – Région Occitanie / Pyrénées Méditerranée, Philippe Bauchet – Région PACA, Robert Gentili – SGAR, Renaud Morel – SHF, Didier Roult – VNF, Olivier Norotte

\* to be confirmed for I.S.Rivers 2018