

Dear colleagues,

Please find enclosed the second number of the *IWRDD-News*.

The main purpose of this newsletter consists in providing information on 3IWRDD follow-up activities, upcoming events, publications, etc.

The **third number** of the *IWRDD-News* will be issued by **30 September 2012**. All of you are kindly invited to submit relevant information that may be included in the third number of IWRDD-News by **September 10**.

We are looking forward to receiving your contributions.

Kind regards,

Prof. Ignacio Escuder-Bueno and Eng. Jessica Castillo-Rodriguez

## 1. 3IWRDD and ICOLD follow-up activities

**24<sup>th</sup> ICOLD Congress and 80<sup>th</sup> ICOLD Annual Meeting**, organized by the International Commission on Large Dams (ICOLD), took place in **Kyoto** (Japan) on June 2012 ([www.icold2012kyoto.org](http://www.icold2012kyoto.org)).

Within the framework of these events, the board of the **European Club of ICOLD National Committees** approved the current activities of both European Working Groups and "ad hoc" Task Forces. For your information, **Terms of Reference** of the European Working Group on **Dam Safety Risk Assessment and Management**, first presented at the 3IWRDD, are now under development:

- Dam safety risk: overall picture and European Directives on floods and critical infrastructures.
- Overview on risk elements adopted in some Eur. Regulations / Guidelines for dams.
- Effectiveness and benefits of 'risk informed' decision making methods in dam safety management (review of international cases).
- Identification of the proper level of effort (modelling, estimates, uncertainty analysis) for different types of decision.
- The importance to communicate and balance/share the risk among stakeholders (risk guidelines, etc.).
- Risk analysis framework as an effective tool to facilitate knowledge transfer and training.

For further information, please visit the **website**: <https://sites.google.com/site/ewgrisk/>

In addition, upcoming events were presented and discussed, such as the **9<sup>th</sup> European Club Dam Symposium** that will be devoted to "Sharing Experience for Safe and Sustainable Water Storage" and will be held in **Venice**, Italy, from April 10-12, 2013. **All abstracts should be submitted by July 15<sup>th</sup>, 2012**.

Also related to risk analysis within ICOLD activities, **Technical Committee on Computational Aspects of Analysis and Desing of Dams** approved to start the works aiming at preparing a new bulletin under the title of "Suite of numerical models for dam risk management". Finally, **12<sup>th</sup> ICOLD Benchmark Workshop on Numerical Analysis of Dams** will be held in **Graz**, Austria, in September 2013. Detailed themes will be ready by the end of 2012.

## 2. New publications

Journal of Hydrology and Earth Science Systems (Ed. Copernicus):

Altarejos-García, L., Martínez-Chenoll, M.L., Escuder-Bueno, I., and Serrano-Lombillo, A.:

*Assessing the impact of uncertainty on flood risk estimates with reliability analysis using 1D and 2D hydraulic models*, Manuscript Number: HESS-2012-17.

[www.hydrol-earth-syst-sci.net](http://www.hydrol-earth-syst-sci.net)

## 3. Recent events

The **21<sup>st</sup> Annual Meeting of the Society for Risk Analysis** (SRA-Europe) took place in Zurich (Switzerland) from June 18-20, 2012 ([www.sraeurope.org](http://www.sraeurope.org)). The theme of the SRA-E conference was *Risk and Society: Decisions and Responsibilities*. The conference was truly an international affair with 6 keynote speakers, 41 sessions and several symposiums over the 3 days of the conference.

In addition, three SRA-E student scholarships were awarded to Madeleine Baker, Rachel Southwork and Jessica Castillo for their contributions, along with an additional award for the best Poster of the conference.

**iPresas**  
Risk Analysis has released two simplified versions of iPresas software.

### iPresas URBANSIMP

Software for flood risk analysis and evaluation in urban areas.

### iPresas HIDSIMP

Software for dam flood risk analysis and evaluation.

Both demo versions are available at the website [www.ipresas.com](http://www.ipresas.com).

You may also follow this direct link:



### 3IWRDD Facts

3IWRDD, held at Universitat Politècnica de València (Spain) in October 2011, attracted 269 attendees from 24 countries.

As last event within 3IWRDD, the 11<sup>th</sup> ICOLD Benchmark Workshop on Numerical Analysis of Dams (20-21 October 2011) included the presentation of solutions for four different themes:

**THEME A:**

Effect of concrete swelling

**THEME B:**

Overtopping and seepage evolution

**THEME C:**

Probability of failure and safety coefficient

**THEME D:**

Open technical session

*Proceedings*, edited by SPANCOLD (Spanish National Committee on Large Dams), may be downloaded by this [link](#) to the first number of *IWRDD-News*.

*Proceedings of the 11<sup>th</sup> ICOLD Benchmark Workshop of Numerical Analysis of Dams*,  
Ed: Escuder-Bueno et al.,  
ISBN 978-84-695-1816-8,  
SPANCOLD, Madrid, Spain.

*Proceedings of the 3<sup>rd</sup> International Forum on Risk Analysis, Dam Safety, Dam Security, and Critical Infrastructure Management*.  
Ed: Escuder-Bueno et al.,  
ISBN 978-0-415-62078-9,  
CRC Press Balkema,  
Taylor & Francis Group, London, UK.  
[www.balkema.nl](http://www.balkema.nl)

### Reminder

If you wish to **share** relevant **information** to be potentially included in the **third number** of *IWRDD-News*, please send an email to [jecasrod@upvnet.upv.es](mailto:jecasrod@upvnet.upv.es) before **September 10, 2012**.

## 4. Upcoming events

In this section, a list of several upcoming events related to the topics of the IWRDD is included (sorted in ascending order by date):

- Organized by ICOLD and/or National Committees:

### 6<sup>th</sup> International Symposium on Roller Compacted Concrete Dams

Organized by: SPANCOLD, CHINCOLD, ICOLD EU CLUB & IECA

Date: 23 - 25 October 2012, Venue: Zaragoza, Spain

Website: [www.rcc2012.org](http://www.rcc2012.org)



### 9<sup>th</sup> ICOLD European Club Symposium

"Sharing Experience for Safe and Sustainable Water Storage"

Organized by: Italian Committee on Large Dams (ITCOLD)

Date: 10 - 12 April 2013, Venue: Venice, Italy

Website: [www.2013eurdamsymposium.it](http://www.2013eurdamsymposium.it)

All abstracts should be submitted by July 15<sup>th</sup>, 2012



### 81<sup>st</sup> ICOLD Annual Meeting

Organized by: International Commission on Large Dams (ICOLD)

& U.S. Society on Dams (USSD)

Date: 12 - 16 August 2013, Venue: Seattle, Washington (USA)

Website: [www.icold2013.org](http://www.icold2013.org)

-Organized by other institutions related to IWRDD topics:

### World Congress on Risk 2012

Organized by: Society for Risk Analysis (SRA)

Date: 18 - 20 July 2012, Venue: Sidney, Australia

Website: [www.sra.org](http://www.sra.org)



### ASDSO Dam Safety 2012 Conference & 5<sup>th</sup> Annual National Dam Security Forum

Organized by: Association of State Dam Safety Officials (ASDSO) and U.S. Department of Homeland Security (DHS)

Date: 16 - 20 September 2012,

Venue: Colorado Convention Center in Denver, Colorado

Website: [www.damsafety.org](http://www.damsafety.org)



### 8<sup>th</sup> International Conference on Risk Analysis and Hazard Mitigation (RISK 2012)

Organized by: Wessex Institute of Technology

Date: 19 - 21 September 2012, Venue: Island of Brac, Croatia

Website: [www.wessex.ac.uk](http://www.wessex.ac.uk)



### Flood Risk 2012

"The 2<sup>nd</sup> European Conference on Flood Risk Management"

Organized by: Deltares, HR Wallingford, Samui & Flood Control 2015

Date: 20 - 22 November 2012, Venue: Rotterdam, The Netherlands

Website: [www.floodrisk2012.net](http://www.floodrisk2012.net)



### SRA Europe Conference 2013

Organized by: Society for Risk Analysis (SRA-Europe)

Date: 17 - 19 June 2013, Venue: Torndheim, Norway

Website: [www.sraeurope.org](http://www.sraeurope.org)



Society for Risk Analysis Europe



Highlighted events in this number

For further information contact us at:  
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