

Dear colleagues,

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

The main purpose of this newsletter is to provide information on 3IWRDD follow-up activities, upcoming events, publications, etc.

The next **number** of the *IWRDD-News* will be issued by **July 2013**. All of you are kindly invited to submit relevant information that may be included in the next number before **July 1**.

We are looking forward to receiving your contributions.

Kind regards,

*Prof. Ignacio Escuder-Bueno and Eng. Jessica Castillo-Rodríguez*

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

### Workshop

Last **April 9, 2013**, a workshop on "**Fundamentals, Practical tools and Applications of Risk Informed Dam Safety Management**", was held at the NH Laguna Palace **Venice** Mestre. This Workshop, organized by the *Universitat Politècnica de València (Spain)* in collaboration with *RSE SpA (Italy)*, focused on fundamentals of risk-informed dam safety management, along with practical tools for application of risk analysis and real-world case studies, including examples from *Italy, Spain* and the *United States*.

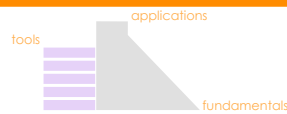
Working sessions were moderated by Prof. Ignacio Escuder (UPV) and by Dr. Luis Altarejos (iPresas Risk Analysis).

During the Workshop, the new Spanish Technical **Guide** entitled "Risk Analysis applied to Management of Dam Safety" and published by the Spanish National Committee on Large Dams (SPANCOLD), was also presented.

In addition, examples of **software tools** for risk calculation and management were presented, applied to a portfolio of dams with the aim of prioritizing risk reduction measures.

The Workshop had **35 participants** from **13 countries** (Austria, Egypt, France, Finland, Germany, Italy, Norway, Slovenia, Spain, Sudan, Sweden, Turkey and United States).

**WORKSHOP ON FUNDAMENTALS,  
PRACTICAL TOOLS AND APPLICATIONS  
OF RISK INFORMED DAM SAFETY MANAGEMENT**  
Venice (Italy) - April 9, 2013



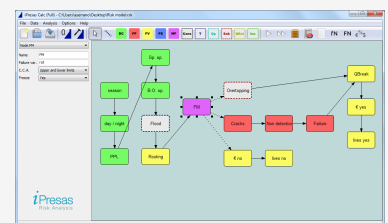
### 9<sup>th</sup> ICOLD European Club Symposium

The **9<sup>th</sup> ICOLD European Club Symposium**, dedicated to "Sharing Experience for Safe and Sustainable Water Storage" was held in Venice, with more than **300 participants**.

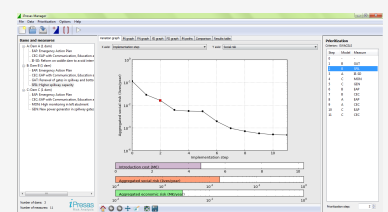
With 140 submitted papers, selected works were presented in **oral and poster sessions** during the Symposium. Special keynote lectures and presentations of ICOLD European Club **Working Groups** completed the scientific programme.



Workshop, Venice, April 9, 2013



Risk model: iPresas Calc software



Management model: iPresas Manager software

ICOLD Technical Committee A on "Computational Aspects of Analysis and Design of Dams" organizes the **12<sup>th</sup> ICOLD Benchmark Workshop on Numerical Analysis of Dams**  
Graz (Austria) - October 2-4, 2013

See Page 2 under Section 4 "Upcoming Events" for more information

## 3IWRDD Facts

**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.  
[www.spancold.es](http://www.spancold.es)

**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)

## Visit our **BLOG:**

"Risk Analysis and Critical Infrastructure Management"

News, events, courses, links to articles, etc. regarding risk analysis and other related topics are periodically in this platform. You are invited to participate, leave your comments, propose new entries and take part of this initiative on this website:



## Reminder

If you wish to **share** relevant **information** to be potentially included in the next **number** of IWRDD-News, please send an email to [jecasrod@upvnet.upv.es](mailto:jecasrod@upvnet.upv.es) before **July 1, 2013**.

✓ **Highlighted events in this number**

## 2. 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:**

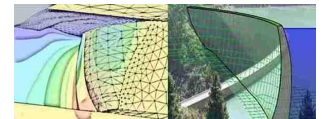
### 81<sup>st</sup> ICOLD Annual Meeting

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)



### 12<sup>th</sup> ICOLD Benchmark Workshop on Numerical Analysis of Dams

Organized by: International Commission on Large Dams (ICOLD) & Austrian National Committee on Large Dams (ATCOLD)  
Date: 2 - 4 October 2013, Venue: Graz, Austria  
Website: [Link to the 12<sup>th</sup> ICOLD BW website](#)



### 82<sup>nd</sup> ICOLD Annual Meeting

Organized by: International Commission on Large Dams (ICOLD) & Indonesian National Committee on Large Dams (INACOLD)  
Date: 1 - 6 June 2014, Venue: Bali Nusa Dua Convention Center (BNDCC), Nusa Dua, Bali  
Website: [www.knibb-inacold.com](http://www.knibb-inacold.com)

### 83<sup>rd</sup> ICOLD Annual Meeting

Organized by: International Commission on Large Dams (ICOLD) & Norwegian National Committee on Large Dams (NNCOLD)  
Date: 14 - 19 June 2015, Venue: Stavanger, Norway  
Website: [www.icoldnorway2015.org](http://www.icoldnorway2015.org)

- **Organized by other institutions related to IWRDD topics:**

### SRA Europe Conference 2013

Organized by: Society for Risk Analysis (SRA-Europe)  
Date: 17 - 19 June 2013, Venue: Trondheim, Norway  
Website: [www.sraeurope.org](http://www.sraeurope.org)



### Dam Safety 2013

Organized by: Association of State Dam Safety Officials (ASDSO)  
Date: 8 - 12 September 2013, Venue: Providence, RI (USA)  
Website: [www.damsafety.org](http://www.damsafety.org)



### SAFE 2013 "5<sup>th</sup> International Conference on Safety and Security Engineering"

Organized by: Wessex Institute of Technology  
Date: 17 - 19 September 2013, Venue: Rome, Italy  
Website: [www.wessex.ac.uk](http://www.wessex.ac.uk)



### HYDRO 2013 International Conference and Exhibition

Organized by: The International Journal on Hydropower and Dams  
Date: 7 - 9 October 2013, Venue: Innsbruck, Austria  
Website: [www.hydropower-dams.com](http://www.hydropower-dams.com)



### SRA 2013 Annual Meeting

Organized by: Society for Risk Analysis  
Date: 8 - 11 December 2013, Venue: Baltimore, Maryland (USA)  
Website: [www.sra.org](http://www.sra.org)

For further information contact us at:  
[jecasrod@upvnet.upv.es](mailto:jecasrod@upvnet.upv.es)

Next bulletin: July 2013

Editors:



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[www.upv.es](http://www.upv.es)



[www.iIAMA.upv.es](http://www.iIAMA.upv.es)

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Risk Analysis

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