

Dear colleagues,

Please find enclosed the tenth number of *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 **December 2014**. All of you are kindly invited to submit relevant information that may be included in the next number before **December 10, 2014**.

We are looking forward to receiving your contributions.

Kind regards,

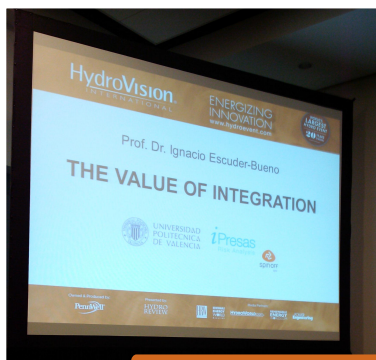
Prof. Ignacio Escuder-Bueno and Eng. Jessica Castillo-Rodríguez

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

### 82<sup>nd</sup> ICOLD Annual Meeting (Bali, June 2014)

The **82<sup>nd</sup> Annual Meeting of the International Commission on Large Dams** was held in June 1-6, 2014, in **Bali (Indonesia)**. More than 1,300 people participated in the 2014 edition, including regional clubs and technical committee members.

ICOLD Committee A on "Computational aspects of analysis and design of dams" held a "**Knowledge Transfer Workshop**" on June 2, 2014, with more than 50 attendees. It included presentations linked to the recently published [Proceedings](#) on XII ICOLD Numerical Benchmark Workshop, held in **Graz** in October 2013, following a tradition that lasts for more than 20 years (started in Bergamo in 1991). During the Committee A meeting, on June 3, it was agreed that **Switzerland** will host the **XIII ICOLD Numerical Benchmark Workshop** in autumn 2015, and one of the themes will be again devoted to risk analysis computation.



**HydroVision**  
INTERNATIONAL

### Hydrovision International (Nashville, July 2014)

**Hydrovision International**, the world's largest event dedicated entirely to the hydroelectric power industry, was held in **Nashville, Tennessee** (United States) in July 22-25, 2014.

It featured more than 70 educational conference sessions in eight different tracks, hundreds of exhibitors, and thousands of hydro professionals from around the world.

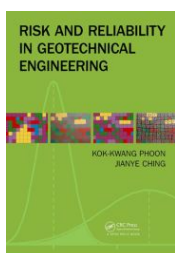
With **3,000 attendees** from 56 countries, the event included seminars, workshops, and briefings, technical tours and networking events that took place in Nashville's Music City Center.

A **panel session** entitled "**Risk Assessment: What in the world are we doing?**" was chaired by David Bowling (Tennessee Valley Authority), including the following panelists: Daniel Osmun (U.S. Bureau of Reclamation), David Capka (Federal Energy Regulatory Commission), George Kelley (Tennessee Valley Authority), Nathan Snorteland (U.S. Army Corps of Engineers) and Ignacio Escuder (Polytechnic University of Valencia and iPresas).

Discussion focused on the global practices for risk analysis in the hydroelectric industry, including the new Federal Energy Regulatory Commission risk methodology, as well as other tools being used to advance the practice of risk assessment.

## 2. Related R+D+i projects

A new research project entitled "**Methodology for assessing investments on water cycle infrastructures based on risk and energy efficiency indicators**" (Acronym in Spanish: INICIA) will be carried out in the period 2014-2016. This project will be funded by the Spanish Ministry of Economy and Competitiveness (BIA 2013-48157-C2-1-R). It was recently granted to the **Research Institute of Water and Environmental Engineering (IIAMA)** and the **Institute for Energy Engineering (IIE)** of the Polytechnic University of Valencia. The project is focused on the development of a new methodology for prioritizing investments on **water cycle infrastructure management** by means of risk and energy efficiency indicators.



## 3. Publications

Altarejos-García, L., Silva-Tulla, F., Escuder-Bueno, I., and Morales-Torres, A. (2015): "*Practical risk assessment for embankments, dams, and slopes*" in Phoon, K.K. and Ching, J. (ed.) **Risk and reliability in geotechnical engineering**, Chapter 11, CRC Press, ISBN 9781482227215 [[link](#)]

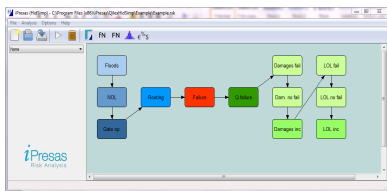
## 3IWRDD Facts

**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,  
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)

A new updated version of the software tool **iPresas HidSimp**, for hydrologic dam risk analysis, is available.

It can be downloaded from this [link](#).



Visit our **blog**:  
"Risk Analysis and  
Critical Infrastructure Management"



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

### IWRDD-News Archive

Link to view past issues of  
**IWRDD-News**

## Reminder

If you wish to **share** relevant **information** to be potentially included in the next **number** of IWRDD-News, please send an email to [info.iwrdd@upv.es](mailto:info.iwrdd@upv.es) before **Dec. 10, 2014**.

## 4. Future events

In this section, a list of future events related to the topics of the IWRDD is included:

### 1<sup>st</sup> International Seminar on "Dam Protection against Overtopping and Accidental Leakage"

This seminar organized by the Dam Safety Research Group (SERPA) of the Technical University of Madrid and the International Center for Numerical Methods in Engineering (CIMNE) will be held in **Madrid, Spain, on November 24-26, 2014**.

Paper submission open until **October 15, 2014**. Website: [www.fundacionabetancourt.org](http://www.fundacionabetancourt.org)

### Workshop "Validation in Flood Risk Modelling"

This workshop, organized by the European Geoscience Union (EGU) and Deltares, will be held in **Delft, The Netherlands, on December 9-10, 2014**.

This workshop will bring together international experts on flood hazard estimation and risk assessment, working on pluvial, fluvial, coastal and flash floods. The goal is to discuss current approaches and models, sharing best practices on flood risk modelling.

Call for abstracts is open until **October 15, 2014**. Further information can be found in this [link](#).

### SRA 2014 Annual Meeting

Organized by: Society for Risk Analysis

Date: **7-10 December 2014**, Venue: Denver, Colorado (USA)

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

### X National Congress on Large Dams

Organized by: Spanish National Committee on Large Dams (SPANCOLD)

Date: 18-20 February 2015, Venue: Seville (Spain)

Website: [www.jornadasespanolasdepresas.com](http://www.jornadasespanolasdepresas.com)

### USSD Annual Meeting 2015

United States Society on Dams, 2015 Annual Meeting and Conference

Organized by: United States Society on Dams

Date: 13-17 April 2015, Venue: Louisville, Kentucky (USA)

**Draft Papers Due: October 17, 2014**

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

### 2<sup>nd</sup> International DAM WORLD Conference

Organized by: National Laboratory for Civil Engineering (LNEC)

Date: 21-24 April 2015, Venue: Lisbon (Portugal)

Website: [www.dw2015.lnec.pt](http://www.dw2015.lnec.pt)

### 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)

### 24<sup>th</sup> SRA-Europe Annual Meeting

Organized by: Society for Risk Analysis, Europe.

Date: 15-17 June 2015, Venue: Maastricht (The Netherlands)

Deadline for submission of **abstracts**: 20 January 2015

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

