



IWRA

IWRA *Update*

Newsletter of International Water Resources Association

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LETTER FROM THE PRESIDENT



**Dear members,
 friends and colleagues,**

This edition of IWRA Update brings news of several important upcoming activities, notably the IWRA Executive Board elections, the next World Water Congress and the development of ever more regional activities and publications. Over the last few months, IWRA has also been busy participating in and developing activities around the world. The 6th World Water Forum in Marseilles on March 12-17 was a busy time with IWRA leading several sessions on water quality, water accounting and the science-policy interface; as well as co-sponsoring many other sessions. As one of the key international supporting Associations, IWRA participated in the ASIA 2012 Conference on 26-27 March of 2012, Chiang Mai, Thailand - where we made contributions regarding water resources and renewable energy development in Asia. Recently, IWRA also participated in the BALWOIS conference in the Balkan region where we are seeking to develop regional activities and build local partnerships. Regarding our own World Water Congress, the Executive Office has re-launched a call for candidatures to host the 15th IWRA World Water Congress. This follows the cancellation of the previous announcement

to host it in Granada, Spain due to a mutual inability to reach an agreement. We are expecting to announce the new host in August/September this year. Other upcoming events involving IWRA stretch from South America with Rio+20; to Europe with the Stockholm International Water Week and HydroPredict 2012; to river symposiums in Asia and Oceania. I encourage you to contribute to IWRA's mission at these events or others in order to connect knowledge, policy and management for our water resources.

Finally, and as you know, the IWRA Executive Board mandate runs for three years and the current board will maintain active duty until the end of this year. The call for elections for the 2013-2015 IWRA Executive Board is announced in this newsletter, on the IWRA website and also in May's edition of Water International. I am pleased and honoured to announce 25 outstanding candidates from 18 different countries. The Executive Office will shortly be contacting all members regarding ballot papers, I strongly encourage you to vote and participate in the good governance of our association - your voice counts!

Best wishes,

**Jun Xia
 IWRA President**

IWRA EXECUTIVE BOARD ELECTIONS

ANNOUNCEMENT OF IWRA BOARD CANDIDATES

IWRA is pleased to announce the list of candidates for the IWRA Executive Board 2013-2015.

Please note that this list, with the detailed profile of the candidates has been published in *Water International*, Volume 37, Issue 3 and on the Website at:

http://www.iwra.org/doc/IWRA_Board_Election_list.pdf

Members who wish to add candidates to this list should submit a petition naming the candidate and position with at least 50 IWRA member signatures, no more than 10 from any one country, to the Secretary-General (iwrapubs@gmail.com) with cc. to the Executive Director (soo@iwra.org), on or before **12 August 2012**.

The candidates for the elections are the following (in parenthesis is the number of candidates to be elected to the position):

PRESIDENT (1): Dogan Altinbilek (TURKEY).

SECRETARY GENERAL (1): Carl Bruch (USA).

VICE-PRESIDENTS (3): Lilian Del Castillo-Laborde (ARGENTINA); Ngai Weng Chan (MALAYSIA); Victor Dukhovny (UZBEKISTAN); James E. Nickum (JAPAN).

TREASURER (1): Gabriel Eckstein (USA).

CHAIR, AWARDS COMMITTEE (1): Giuseppe Rossi (ITALY).

CHAIR, PUBLICATIONS COMMITTEE (1): Raya Marina Stephan (FRANCE).

CHAIR, MEMBERSHIP COMMITTEE (1): Paula Silva (MEXICO)

DIRECTORS (10): Emmanuel M. Akpabio (NIGERIA); Henning Bjornlund (AUSTRALIA); Ximing Cai (USA); Naim Haie (PORTUGAL); Kun-Yeun Han (KOREA); V. K. Kanjlia (INDIA); Patrick Lavarde (FRANCE); Li Yuanyuan (CHINA); Renee Martin-Nagle (USA); Katri Mehtonen (FINLAND); Naho Mirumachi (UNITED KINGDOM); Muhammad Mizanur Rahaman (FINLAND); Mark Redwood (CANADA); Kaoru Takara (JAPAN); Kalanithy Vairavamoorthy (SRI-LANKA)

SCHEDULE

⇒ **Mid August 2012:**

ELECTION BALLOTS

Following the end of the petition deadline, on 12 August, the Executive Director will send ballots by e-mail to the membership. Members will have 60 days to return the ballots, also by e-mail.

⇒ **Early to mid-October 2012:**

ELECTION DATE

All votes will be counted under the supervision of the Executive Board and the candidates notified of the results. Results will be posted on the webpage and published in the following IWRA Newsletter and *Water International*.

⇒ **1 January 2013:**

NEW EXECUTIVE BOARD OPERATING

Newly elected IWRA Officers and Directors assume their posts in the Executive Board.

XVTH IWRA WORLD WATER CONGRESS ORGANISATION

IWRA is pleased to announce a new call for candidatures to host the XVth IWRA World Water Congress to be held in 2014/2015. All organisations interested in hosting a high quality international scientific event are encouraged to apply. Deadline for submission of candidatures: 15 July 2012. [Click here to download the:](#)

- **Bid Procedure:**

http://www.iwra.org/doc/2012_Congress_Bid_Procedure.pdf

- **General information about the Congress:**

http://www.iwra.org/doc/2012_Gen_Info_Congress.pdf

This new call for candidatures also serves to announce the cancellation of the previous announcement made in September 2011 to organise the XVth Congress with a consortium from Granada due to an inability to reach a mutual agreement.

LATEST ACTIVITIES



6th World Water Forum

IWRA was actively involved in the recent World Water Forum in Marseilles, France from 12 to 17 March. The association co-organised several sessions and panel, discussions; and held displays at our partner's booths (Taylor&Francis, UNWater and Montpellier water community at the French Pavilion) in the exhibition hall during the Forum.

Technical sessions within the framework of the thematic process organised by IWRA during the Forum:



Session 2.1.3: Which water quality for which use?

«By 2015 establish a worldwide recognised frame of reference related to the quantity and the quality required for different uses, through joint work between international professional associations representing all usages of water and scientists.»

Mr. Tom Soo, IWRA Executive Director, coordinated the session with the able co-coordination of Mr. Dominique Gatel, EUREAU. The Target and Solution group of this target produced a stock-taking report which gathers existing guidelines on water quality regarding different applications, illustrated by international, national and regional frames of references on water quality.

A commitment was taken together with UNEP in order to complete a compendium with the aim of establishing an international frame of reference related to the quality required for different uses of water for the upcoming 7th World Water Forum, in 2015.



Session 2.1.7: Water accounting & management for balancing multiple uses of water.

«By 2015, IWRM authorities, jointly with water service professionals will identify reliable methods and provide recommendations on appropriate equipment for accounting/ measurement of withdrawn water resources as well as produced, distributed, consumptive use and return flow water volumes. As part of this process, international organisations will develop recommendations regarding which water related information should be retained or shared.»

The session was coordinator by Prof. Jun Xia, IWRA President.

IWRA was also coordinating a High Level Panel on «Science, Technology and Policy for Better Water Governance».

This High Level Panel brought together leading political personalities and representatives of international scientific and technical NGO's from around the world. The panel discussed the roles of science, technology and policy in enabling the environment for good water governance.



LATEST ACTIVITIES



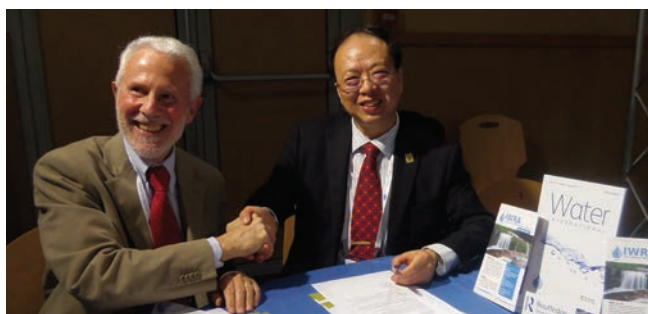
6th World Water Forum

Special session: IWRA supported a special session on the FUTURE OF WORLD'S WATER IN 2025 AND BEYOND.

The session has been chaired by Prof. Dogan Altinbilek, Professor, Middle East Technical University, Ankara, Turkey and Prof. Asit K. Biswas, Founder, Third World Centre for Water Management, Mexico, and Distinguished Visiting Professor, Lee Kuan Yew School of Public Policy, Singapore.

This session aired the perspectives of several major private and public water players including (click on the link to see the presentations):

- Nestlé <http://goo.gl/xKwKQ>
- Xylem <http://goo.gl/ueogC>
- Public Utilities Board, Singapore <http://goo.gl/bZ027>
- Coca-Cola <http://goo.gl/9yVKH>
- Organisation of Economic Cooperation and Development <http://goo.gl/XJluV>
- Veolia <http://goo.gl/N4sQc>

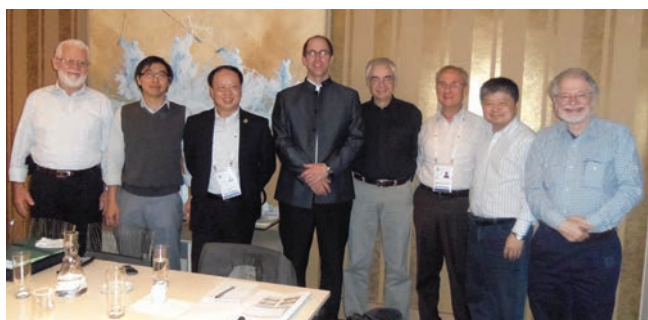


Agreement signed between IWRA and AIDA

During the 6th World Water Forum, on 16 March 2012, IWRA and the International Water Law Association (AIDA) signed an agreement to publish a special edition of Water International highlighting outstanding law and governance related papers presented at the XIVth World Water Congress. The edition will be published in September 2012.

IWRA Board meeting

The IWRA Executive Board held its first meeting of the year in Marseilles, France on 15 March 2012.



ASIA 2012

Fourth International Conference on Water Resources and Renewable

Energy Development in Asia

IWRA President, Jun Xia, on behalf of IWRA, gave a welcome address during the opening session. The conference took place on 26 and 27 March, in Chiang Mai, Thailand.



Hydrological Sciences at the 2012 European Geoscience Union

The 2012 European Geosciences Union (EGU) was organised in Vienna from 22 to 27 April 2012. This event brought together geoscientists from all over the world into one meeting covering all disciplines of the Earth, Planetary and Space Sciences.

Within the area of hydrological sciences, the session on “Climate change and water infrastructure” was co-organised by Dr. Maria Naranjo (Researcher at the Madrid Institute of Advanced Studies on Water, IMDEA-Water, Madrid, Spain); Dr. Cecilia Tortajada (past President of IWRA and Scientific Director of the International Centre on Water and Environment, Zaragoza, Spain); and Ms. Carla Arregoitia, ARRHER-Engineering, Mexico). The objective of this session was to analyse the impacts on water infrastructure due to changing climatic conditions. You can have access to the programme and download some of the oral presentation documents on the session webpage: http://meetingorganizer.copernicus.org/EGU2012/oral_programme/9221



BALWOIS 2012

The 5th International Conference on Water, Climate and Environment was organised from 28 May to 2 June 2012 in Ohrid, Republic of Macedonia. IWRA was a sponsor of this conference. Mr. Tom Soo, IWRA Executive Director and Prof. Victor Dukhovny, Chair of the Award Committee of the IWRA Executive Board, attended the event.

You can access articles presented during the event (abstracts and full articles), videos and photos of the conference: www.balwois.com/2012/

UPCOMING EVENTS



Singapore Water Week

The Singapore International Water Week (SIWW) will be organised from 1 to 5 July 2012 and this event is a global platform for the sharing and co-creation of innovative water solutions. The 2012 theme «Water Solutions for Liveable and Sustainable Cities» reinforces the pressing need to integrate sustainable water management strategies into the urban planning process. **More information at:** <http://www.siww.com.sg/>



Stockholm World Water Week

This yearly event is organised in Sweden. This edition will take place from 26 to 30 August and the main theme is “Water and Food security”. Registration is yet opened. During this event, on 30 August, the 2012 Stockholm Water Prize will be given to the International Water Management Institute (IWMI). IWMI was previously the recipient of the IWRA Crystal Drop Award, last year during the XIVth IWRA World Water Congress in Brazil.

You can access the programme of the event below:
<http://www.worldwaterweek.org/eventfinder>

HydroPredict2012

This event will be jointly co-organised in Vienna, Austria from 24 to 27 September 2012 by the Universität für Bodenkultur Wien (BOKU), University of Natural Resources and Life Sciences, the Vienna International Commission on Groundwater (ICGW) of the International Association of Hydrological Sciences (IAHS) and Charles University of Prague. IWRA is an institutional sponsor of this event and Prof. Viktor Dukhovny, Chair of the Award Committee of the IWRA Executive Board, is a member of the Scientific Advisory Committee of the event, on behalf of IWRA.

<http://web.natur.cuni.cz/hydropredict2012>

Water issues/challenges and Climate Change Adaptation in Africa

This International Conference will be organised from 24 to 28 October 2012 in Bangui, Central African Republic. The main goal of the event is “How does one perceive the water resources shrinking impacts on human activities at local, basins, national or regional scales? How could one cure these various levels?”. IWRA is sponsor of the conference and we encourage members to attend.

You can download the brochure of this conference at:
http://www.iwra.org/doc/Water_issues_challenges_and_Climate_Change_Adaptation_Africa.pdf#info183



RIO+20
United Nations Conference
on Sustainable Development

WATER ISSUES AT RIO+20

The UN Conference on Sustainable Development 2012, Rio+20 will be organised from 20 to 22 June 2012. Twenty years after the First UN Conference, the Earth Summit in Rio, this new conference is focus on two themes: a green economy in the context of sustainable development and poverty eradication; and the institutional framework for sustainable development. Water is one of seven priority area of the conference and several international water related organisations made statements in order to address recommendations for the discussions.

In particular, you can consult key issues statements for Rio+20 from several organisations:

- UNWater: http://www.unwater.org/downloads/UNW_RIOSTATEMENT.pdf
- International Decade for action “water for all”: key water issues at Rio+20
http://www.un.org/waterforlifedecade/water_at_rio.shtml
- 2011 Stockholm World Water Week Statement:
http://www.worldwaterweek.org/documents/WWW_PDF/2011/2011-Stockholm-Statement.pdf

IWRA is involved in this event as a partner of UNWater and supporting their actions (more information about UNWater at Rio+20 at: <http://www.unwater.org/rio2012/>).

In addition, key IWRA members participated to the preparatory work of UNWater for Rio+20 and several members are now attending the conference to provide their expertise to the debates.



Ministry of Water Resources, Beijing

IWRA visits China

In early June, President Jun Xia and Executive Director,

Tom Soo visited Beijing, China to meet with the Ministry of Water Resources and to develop activities with the IWRA China Committee. The meetings reaffirmed the importance of mutual cooperation on international water issues and China's capacity to make technical contributions to the global water dialogue. Tom went on to visit Qingdao in Shangdong province to discuss ideas for a regional activity later this year with the Qingdao Hydrology and Water Resources Survey Bureau. Meetings were also held with the Yellow River Commission in Zhengzhou regarding collaboration on the Yellow River Forum where IWRA is a supporting organisation.

PUBLICATIONS



YOUTH INFUSION IN WATER INTERNATIONAL EDITORIAL STAFF

By Prof. James Nickum,
Editor-in-Chief,
Water International



Philippus (Flip) Wester was appointed to the new position of Deputy Editor-in-Chief of *Water International*, as of March 2012. He is now primarily responsible for handling individual submissions, which should be sent to him at iwrawin@gmail.com until we convert to an

on-line system later this year. Other matters, including special issue proposals, should be sent to the Editor-in-Chief, James E. Nickum, at iwrapubs@gmail.com.

Since 2009, *Water International* (WI) has increased in frequency from four issues a year to seven, individual submissions have increased by half, and special issues have come to play a dominant role. The purpose of establishing a Deputy Editor-in-Chief position is to spread the workload, freeing the Editor-in-Chief to focus on special issues, and to work more to extend the reach and impact of WI and related IWRA publications, such as a book series. It will also allow us to further improve the quality and efficiency with which we handle individual submissions, without losing our personal touch. With the appointment of Flip and his replacement as Associate Editor by Naho Muramachi (see below), the editorial staff has taken on a much younger look, with half under the age of 50.

Flip was previously an Associate Editor of the journal since January 2010 and was also a member of the International Scientific Committee of IWRA's XIVth World Water Congress. He is assistant professor of water reforms at Wageningen University (<http://www.iwe.wur.nl/UK/Staff/Wester/>). In his research and teaching he focuses on the politics and governance of water resources, river basin management, water reform and allocation processes, water governance in deltas, participatory groundwater management and irrigation water management. Trained as an interdisciplinary sociotechnical water researcher with a strong grounding in the social sciences, he has over 18 years of professional experience, in which he has developed a thorough understanding of the interrelationships between the social, technical, political and physical dimensions of water governance. He has designed

and executed interdisciplinary water governance research projects in Senegal, Pakistan, Bangladesh, Mexico, Ethiopia and the Netherlands and has published some 50 articles and book chapters.

Flip combines teaching and research with capacity building, most recently as overall project director for the Nuffic NICHE project on Capacity Building for IWRM in South Africa and as Wageningen University project coordinator for the Nuffic project Strengthening Ethiopian Universities in Integrated River Basin Management. At Wageningen University he has played a strong role in the development of the BSc and MSc International Land and Water Management (ILWM) education programme and from January 2008 to September 2009 served as the Secretary of the Education Programme Committee ILWM.



Flip's replacement as Associate Editor is **Dr. Naho Mirumachi**. Dr. Mirumachi is Lecturer at the Department of Geography, King's College London. She has multi-disciplinary training in International Relations, International Studies and Human Geography. Her main

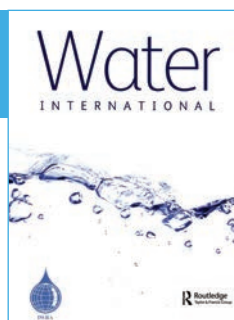
research interest focuses on the politics of water resources management. Through empirical analysis of developing country contexts, she examines three inter-related themes: institutions of water allocation; power and environmental discourse; and scale and agency. Her main fieldwork experiences are in the Orange-Senqu River basin in Southern Africa, Ganges River basin in South Asia, and the Mekong River basin in Southeast Asia. Naho is dedicated to communicating between science and policy and currently convenes the MSc Water: Science and Governance programme at King's College, and is involved in training policy-makers on water security.

i-First system for Water International

A new early online-publication system by Taylor&Francis and called i-first is now available for submission to Water International.

More information about this service, on the T&F Website at:

journalauthors.tandf.co.uk/publication/ifirst.asp



PUBLICATIONS

WATER INTERNATIONAL, VOLUME 37, ISSUE 3 (May 2012)

List of articles:

Editorials

Editorial, James E. Nickum

Water hazards and human hazards to water: land use, delta floods and source region ecologies

- Flood risk assessment in the region surrounding the Bangkok Suvarnabhumi Airport

Yuddhana Keokhumcheng, Tawatchai Tingsanchali & Roberto S. Clemente

- A comparison of historical land-use change patterns and recommendations for flood plain developments in three delta regions in Southeast Asia

Myat Myat Thi, Luminda Niroshana Gunawardhana & So Kazama

- Ecological water requirements for the source region of China's Yangtze River under a range of ecological management objectives

Tao Sun, Zhifeng Yang, Zhenyao Shen & Rui Zhao

Technical Note

Health risks of pollutants in the surface water sources of the centralized drinking water supply in Zhengzhou, China

Qingli Cheng, Hui Wu, Wenlin Wang, Yanju Wu, Hongli Li & Xifeng Zhang

Someone will pay for this: the socio-economics of water

- The socio-economic impacts of climate change on water resources in South Africa

James S. Juana, Kagiso T. Mangadi & Kenneth M. Strzepek

- The economic impact of water tax charges in China: a static computable general equilibrium analysis

Changbo Qin, Yangwen Jia, Z. (Bob) Su, Hans T.A. Bressers & Hao Wang

- Estimating rural households' willingness to pay for water supply improvements: a Benin case study using a semi-nonparametric bivariate probit approach

Aminou Arouna & Stephan Dabbert

Technical Note

Optimization and simulation modelling for operation of the Zayandeh Rud Reservoir

Mina Ziaei, Lee Teang Shui & Ehsan Goodarzi

Towards a more perfect reservoir operation: cases from Iran and India

- Performance assessment of storage policies of the Vaigai Reservoir using a simulation model

V. Jothiprakash, J. Nirmala & R. Arunkumar

Book review

- Jacques Ganoulis, Alice Aureli and Jean Fried (eds), Transboundary water resources management: a multidisciplinary approach

Robert G. Varady

Communications

- More grain in the North China Plain with less water consumed: a response to Chris Perry

Shaofeng Jia

- Does corporate agribusiness have a positive role in global food and water security?

M. Dinesh Kumar

Response from Suvi Sojamo et al.

Suvi Sojamo, Martin Keulertz, Jeroen Warner & Tony Allan

IWRA Announcement

Candidates for the next IWRA Executive Board, 2013–2015



PUBLICATIONS

WATER INTERNATIONAL, VOLUME 37, ISSUE 2 (March 2012)

Special Issue: Has Water Privatization Peaked? The Future of Public Water Governance

List of articles:

- Has water privatization peaked? The future of public water governance
Bernard de Gouvello & Christopher A. Scott
- Changing paradigms in water and sanitation services in Argentina: towards a sustainable model? (Article in free access)
Bernard de Gouvello, Emilio J. Lentini & Federica Brenner
- The remunicipalization of Parisian water services: new challenges for local authorities and policy implications
Joyce Valdovinos
- A pragmatic approach to multiple water use coordination in Chile
Matías Guiloff
- Hydroelectric power generation in Chile: an institutional critique of the neutrality of market mechanisms
Manuel Prieto & Carl Bauer
- The global commodification of wastewater
Christopher A. Scott & Liqa Raschid-Sally
- The role of the public and private sectors in water provision in Arizona, USA
Sharon B. Megdal
- Virtual water hegemony: the role of agribusiness in global water governance
Suvi Sojamo, Martin Keulertz, Jeroen Warner & John Anthony Allan
- Responses to Gleick et al. (2011), which was itself a response to Frederiksen and Allen (2011)
Harald Dixen Frederiksen, Richard G. Allen, Charles M. Burt & Chris Perry

OTHER PUBLICATIONS

Forthcoming special issues of Water International will include in 2012:

- How Hydrological Models Support Informed Decision Making in Developing Countries (with IWMI)
Guest Editors: Vladimir Smakhtin and Robyn Johnston
- Climate Change Impact on Water Security and Adaptive Management in China
Guest Editor: Jun Xia
- The Future of Adaptive Water Management: Law and Economics (with AIDA)
[Select papers from the XIV IWRA World Water Congress]
Guest Editors: Stefano Burchi, Ariella D'Andrea, Gabriel Eckstein and Marcella Nanni

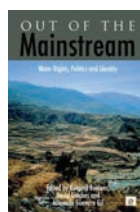


IWRA (India) Journal

The Indian Geographical Committee of IWRA has taken the initiative to publish "IWRA (India) Journal", on half yearly basis (January – June and July-December).

The journal aims to provide a snapshot of the latest research and advances in the field of Water Resources. The journal addresses what is new, significant and practicable. The Journal has both print and online versions. Being peer-reviewed, the journal publishes original research reports, review papers and communications screened by national and international researchers who are experts in their respective fields.

The journal would have the original research reports, review papers and communications screened by the Editorial Board.



Out of the Mainstream: Water Rights, Politics and Identity

Edited by Rutgerd Boelens, David Getches and Armando Guevara-Gil

You can purchase this book on the Publisher website, Earthscan at: <http://www.routledge.com/books/details/9781849714556/>

SIWI (Stockholm International Water Institute) report: Land acquisitions: How will they impact transboundary waters?

This report by investigates how the current surge in land acquisitions and investments by foreign countries, sovereign wealth funds, private corporations and domestic investors will affect transboundary water management.

You can download the report at:

http://www.siw.org/documents/Resources/Reports/16-406_Land_Grabbing_report_webb.pdf