



### From Secretary General's Desk...

Dear Colleagues,

The year 2014 is closing with some hopes, if not on the terrorism issues but on the issue of containing the monster of climate change. The annual UN Climate Change Conference of Parties (CoP in its 20th edition) to the UN Framework of Climate Change Convention (UNFCCC) in Lima, Peru, a few days ago, finally concluded an agreement that everyone wanted, yet no-one much liked. However, the outcome keeps the Parties on track moving towards a new global climate agreement in Paris next year. An outline text of the 2015 Paris agreement is now there to work on. Unfortunately, it left everyone unhappy with one aspect or another. The Lima deal is weak in many respects but can be considered as an important breakthrough.



The second aspect of the agreement relates to the national commitments – the 'intended nationally determined contributions' (INDCs) – during 2015. Developing countries wanted developed countries to include financial support for poorer nations. They got no commitments to new money, and inclusion of adaptation plans will be optional, not compulsory. The key elements were agreed, but only in the form of guidance, not as requirements.

Given the divergence between the options included in the agreed text, however, it will require tremendous effort to make the draft fit for an agreement in Paris in December

2015 to replace the Kyoto Protocol of 1997.

Agreement or no agreement, of course the former is preferred, water remains the major sector through which adaptations to the changing climate will find its way. Dealing effectively with the increased climate variability through robust tools such as larger storages, reliable irrigation, drought resistant crops and use of technology for flexible decision making processes is inevitable.

The year 2014 saw a renewed efforts by the ICID community to address climate issues in relation to the agriculture water management by addressing the issue of "Securing Water for Food and Rural Community under Climate Change" during the 22nd ICID Congress earlier this year. These and many other challenges facing the irrigation sector were also addressed by ICID community during the First World Irrigation Forum in 2013. International community will also push the agenda of Sustainable Development forward in 2015 by adopting SDGs.

In the background of these emerging development scenarios, it is important that ICID as an organization resets its vision and goals. Accordingly, as a first major decision after assuming the charge, the new President of ICID, Dr. Saeed Nairizi has constituted a Consultative Group to develop a draft of "ICID Vision 2030" to be discussed at the 66th meeting of the International Executive Council of ICID. The Consultative Group has already organized its first on-line meeting. In order to make the Vision exercise inclusive, the Consultative Group plans to seek inputs at various stages of the exercise from all its NCs, contributors, partners and other stakeholders starting January 2015.

### Season's Greetings and Best Wishes for a Happy, Prosperous & Fruitful New Year - 2015

During the last couple of years, concerned at the lack of interest from the young professionals in pursuing irrigation as a profession, ICID has taken a small but sure steps to enthuse young professionals by facilitating their participation in ICID events by providing them financial support.

The year also saw wide acceptance and some consolidation in adopting new technologies by ICID in processing papers, increasing interaction with the members through video conferencing, initiating e-learning courses etc. The use of teleconferencing facilities has gained momentum and the Working Groups are poised to make use of the technology in 2015, ahead of their physical meetings in Montpellier in October.

I would like to thank all our patrons for supporting our activities and making the year 2014 the year of stabilization and looking forward. I thank our National Committees, international partners and experts who have contributed their valuable time voluntarily to further our activities.

Best regards,

Avinash C. Tyagi  
Secretary General

## WatSave Awards 2015 – Call for Nominations

Nominations are invited for the 'WatSave Awards 2015' from individuals/team through National Committees/ Committee latest by **15 June 2015**. The WatSave Awards are given in four categories: (i) Technology; (ii) Innovative Water Management; (iii) Young Professional; and (iv) Farmers.

The idea of routing the nominations through the NC is to receive only one nomination per category per country after an initial scanning of the nominations for a sequential ordering based on merit and recommending only one. ICID member

country can also support one nomination from a non-member country but every country should present only one candidate per category.

The award(s) is/are presented to an individual or a team for Outstanding Contribution to water conservation / water saving for increasing the beneficial and/ or efficient use of water to develop and improve the sustainable use of the critical resource.

National Committees can nominate newly developed works of previous WatSave Award winners provided it is for a different innovation, as the purpose of the award is to identify successful water saving technologies and management techniques in practice among the ICID family and disseminate them across the world. The nomination could come on behalf of an individual or a team of named individuals, but not from an organization itself. An entry or innovation once rejected for the WatSave award by ICID should not be re-nominated, even under a different category.

In order for the Jury to adjudicate the awards, which are highly dependent on the actual application of the technology in the field, the nominating National Committee/Committee has to play a crucial role since members of the Jury will often not have detailed first-hand knowledge of the situation in a particular country, and thus would not be in a position to judge the realism of individual submissions.

National Committees should undertake initial screening of the nominations, through a broad based National Screening Committee for WatSave Awards against

the criterion laid down in this Scheme, and in the process recommending them, authenticating the research, the application cited in the nominated work and ensure that the nomination is for the original work carried out by the authors.

The awards will be presented at the 66th International Executive Council (IEC) meeting scheduled to be held during October 2015 at Montpellier, France. The last date for receipt of the entries from the National Committees along with a completed 'Nomination Form' etc. to the ICID Central Office, New Delhi is

**15 June 2015.**

The nominations sent directly to the ICID Central Office cannot be entertained. The selection of the winners from amongst the nominations received will be made by an International Panel of Judges. National Committees are urged to give wide publicity to these awards in their country among persons actively engaged in water savings/conservation practices, particularly farming communities.

For more information, please visit <[http://www.icid.org/awards\\_ws.html](http://www.icid.org/awards_ws.html)>

## ICID's Africa Region Regains Vigour

Thubelihle A. Thebe and Sylvester Mpendeli

Africa is an agricultural continent, but its agricultural productivity is the lowest in the world. Africa is presently the least developed region of ICID in terms of water storage and irrigation infrastructure. An aggressive expansion of irrigated area could greatly improve productivity and offset the adverse impact of climate change on food security.

The African Regional Working Group (AFRWG) of the International Commission on Irrigation and Drainage (ICID) with the mandate to promote networking among the African countries and other key stakeholders for enhancing cooperation and coordination on integrated river basin development and management, training and research issues, and information system for African needs with a focus on irrigation and drainage, has been making its efforts to contribute to improve the change in food security scenario. AFRWG held its annual meeting on the 17th of September 2014 at Kim Dae-Jung Convention Centre, Gwangju, South Korea during the 22nd ICID Congress and 65th International Executive Council (IEC) Meetings. The

meeting was held with an outstanding renewed energy for cooperation and development in Africa.

President Dr. Gao Zhanyi addressed the session and explained the efforts that ICID was making in addressing Africa's agriculture water development needs. He informed that ICID had addressed a letter jointly with the International Commission on Large Dams (ICOLD) to the World Bank advocating the renewal of international funding of large-scale water infrastructure for water storage and irrigation particularly in Africa. This letter was well received and is expected to re-ignite large-scale irrigation development in Africa. Interestingly, the President of ICOLD, Mr. Adama Nombre, hails from Burkina Faso that is one of ICID's new member countries as of the 65th IEC Meetings.

VPH Adama Sangare from Mali emphasized that the Sahel region of West Africa particularly, urgently requires major investments in large-scale irrigation infrastructure. AFRWG called for support to this regions and the entirety of Africa that looks forward to major irrigation

investments in the near future. The meeting was also addressed by ICID Vice President Gerhard Backeberg from South Africa who reiterated the need for the use of ICID National Committees in Africa as a springboard for irrigation development and improved irrigation management.

Dr. Sylvester Mpendeli, Chairman, AFRWG welcomed Burkina Faso, the land of the upright! Burkina Faso had a strong presence at 25th meeting of the AFRWG held at Gwangju had a number of observers and its current nominee for the Group. The Chairperson of the Burkina Faso National Committee on Irrigation and Drainage, Moussa Amadou, has also assumed the presidency of the Association Régional pour l'Irrigation et le Drainage en Afrique de L'ouest et du Centre (ARID, that represents ICID in West and Central Africa). With this new energy, ARID and the rest of Africa are certain to be active in ICID in a big manner. A grand welcome is also extended to Madagascar that has since rejoined ICID despite their absence from this year's AFRWG meeting. Madagascar has always been active in the Southern Africa Regional Irrigation Association (SARIA) and it is hoped that its new status will enhance its contribution to ICID and the accomplishment of many important goals for Africa. Nigeria has also reactivated its membership and has once again boarded the AFRWG ship, with its National Committee represented at the meeting. In addition to Burkina Faso and Nigeria, the national committees of Egypt, Mali, Niger, South Africa, and Zimbabwe also managed to have representatives at 25th meeting of the AFRWG alongside observers from France and the United States of America, as well as the presence of Central Office represented by Madhu Mohanan and Secretary General Avinash C. Tyagi. It is hoped that other active members of ICID in Africa that did not make it to Gwangju meeting will make it



Participants at the 25th AFRWG meeting, Gwangju, September 2014

to other meetings in future. A lot of good promise exists for the AFRWG.

Approximately twenty participants participated in this year's AFRWG meeting. As stated earlier there were several prospective nominees for the AFRWG as well as keen observers at the meeting. The Secretary General of ICID, Eng. Avinash C. Tyagi, made a well-received proposal that encouraged African countries to

consider hosting the 4th African Regional Conference of ICID as an African Irrigation Forum that will feed an African perspective into the 2nd World Irrigation Forum that scheduled to be held at Chiang Mai, Thailand in 2016. African countries made an undertaking to enhance communication among themselves and other regions using different media. Egypt will lead renewed efforts to increase ICID membership in North Africa through VPH Dr. El Guindy.

The active regions of ARID and SARIA will also steer efforts to establish a regional association in East Africa with the active participation of young professionals in that region. Africa will also adopt and implement a capacity development strategy in 2015. With these initiatives and renewed vigour, Africa is poised to re-emerge as a highly active region of ICID.

### Third Arab Water Forum, Cairo



The Third Arab Water Forum (AWF3) was organized by the Arab Water Council (AWC) during 9-11 December 2014 at Cairo, Egypt. The main theme of the Forum was "Together

Towards a Secure Arab Water Future" and sub-themes were: (a) Integrated Water Resources Management: Achievements and Constraints; (2) Arab Countries Actions for Sustainable Development of Water Resources and Water Services; and (3) Arab Integration for Food Security under Water Scarcity.

The Egyptian National Committee on Irrigation and Drainage (ENCID) in

cooperation with ICID organized a successful workshop on "Role of Micro-Irrigation in Ensuring Water and Food Security in the Arab World" as a Side Event on 11 December 2014 for the North African countries during the 3rd Arab Water Forum. Two presentations were made about the ICID and one about the NARAID and another two presentations were made about Micro irrigation in Egypt. VPH Dr. Mohamed Hassan Amer, Chairman of ENCID and Vice President Dr. Mohamed Wahba, Secretary General of ENCID led the workshop and brought many representatives of North African countries and Northern African Ministerial Committee together to focus on establishment of NARAID. The mission and objectives of NARAID were discussed. Dr Wahba will soon frame an action plan to direct the activities of NARAID.

### Online Meeting of the Working Groups (Video Conferencing)

Working Groups have started using a video-conferencing platform established at ICID Central Office to organize virtual workbody meetings. The Consultative Group established to develop 'ICID Vision 2030' was the first to make use of this facility for their first meeting on 17th December 2014.

During the 65th International Executive Council (IEC) meeting held on 20 September 2014 at Gwangju, Republic of Korea, it was decided that the Working Groups to organize a video-conference in between two physical meetings at the IEC in order to enable the Group to take a review of the progress made on the activities. This video conference (online meeting) also enables those members who are unable to attend the working group meetings physically during the IEC meetings, to provide their inputs and help workbodies to achieve their mandate.

ICID Central Office requested the Chairs, Vice-Chairs and Secretaries of the Workbodies vide circular dated 4 December 2014 to finalize their preferred time slot for the online meeting (4 to 5 preferred dates in a chosen month) to be scheduled during the months of January, February and March 2015. After receiving your preferred slots for the 'online meeting', Central Office will conduct a 'DOODLE' poll <http://doodle.com/> with all the members of the respective workbody to arrive at the date. This poll process will help Central Office to decide on the date and time with maximum participation.

Basic requirement for joining Central Office organized Video Conference / WebEx online meetings, such as, (a) Computer with microphone; (b) Internet connection and WebCam for video steaming (optional); (c) A notebook computer / Tab contains all the required features.

In order to get more information regarding Cisco WebEx tool (Video Conference). Please visit [http://try.webex.com/meet/pdfs/1ds\\_mc-gsg\\_wbs27\\_100709\\_final.pdf](http://try.webex.com/meet/pdfs/1ds_mc-gsg_wbs27_100709_final.pdf) for accessing 'Getting Started Guide'.

### ICID Vision 2030

ICID as a single largest technical body, through the collective wisdom of experts from around more than 60 countries, looks at the future of irrigation management with the perspective of Green Growth and Sustainable development that is accepted to be the imperative post 2015 development regime under the new Sustainable Development Goals (SDG).

At the same time, like any international organization, ICID needs to look at its relevance and assign itself suitable role in line with its mandate and the rising global expectations. Such a re-look is equally relevant in the changing role of irrigation and drainage in food production in both developed and developing economies. In view of the observations above, President Dr. Saeed Nairizi has proposed to develop an ICID Vision 2030. As a first step in that direction, a "Consultative Group (CG)" has been tasked to initiate such a vision development exercise with following members:

(i) VP Dr. Husain Gundogdu, Chair PCSO (Turkey); (ii) VPH Dr. G. Backeberg (South Africa); (iii) VPH Dr. Willem F Vlotman (Australia); (iv) Dr. Ian Makin (UK); (v) Dr. Sylvain Perret (France); (vi) Prof. Charlotte de Fraiture (The Netherlands); and (vii) Er. Avinash C. Tyagi (Secretary General, ICID).

The terms of reference of the CG is to:

(i) Assess the present scenario of water

sector and the role irrigation can play in meeting the challenges of growing water and food security,

(ii) Assess the role of ICID in the Irrigation, Drainage and Flood Management global practices and developments,

(iii) Assess the mandate of ICID vis-à-vis the present and future challenges in the water sector,

(iv) Develop the future role of ICID in the sustainable development in the post 2015 development agenda,

(v) Review ICID technical and organisational structures to meet such demands, and

(vi) Develop first Draft of "ICID Vision 2030" document.

The first virtual meeting (video conference) between the CG members was held on 17 December 2014 to derive a workplan to submit Draft ICID Vision 2030 document by May 2015 which will then be considered by the Management Board and the Office Bearers' Committee members before being submitted for discussion at the 66th IEC at Montpellier, France, October 2014.

The Consultative Group will engage in wide consultation with the internal and external stakeholders in performing its functions. As a first step CG has decided to approach the National Committees for their input in undertaking this exercise through an on-line questionnaire early January 2015.

## Online Courses in Integrated Management of Water, Soil and Waste

ICID will be offering a support towards the course fee for up to 10 persons from developing countries willing to undertake online course 1 Green Economy and the Life-Cycle Cost Approach and (2) Rethinking Infrastructure Design for Multi-use Water Services, being conducted by UNU-FLORES. Those willing to participate in these courses may apply through their respective National Committee latest by 10th January 2015 to Central Office <[icid@icid.org](mailto:icid@icid.org)>. Young Professionals and women candidates will be given preference.

The United Nations University Institute for the Integrated Management of Material Fluxes and Resources (UNU-FLORES) has invited applications for their three new Online Courses viz. (1) Green Economy and the Life-Cycle Cost Approach, (2) Rethinking Infrastructure Design for Multi-use Water Services, and (3) Financing Public Services and Environmental Sustainability.

The main objective of the online courses hosted on the Blended Learning Platform, is to provide decision-makers, practitioners and students with an interest in the planning and management of environmental resources with access to relevant knowledge. The period of the online courses will be from 02 March to 22 May 2015 and the last date for receipt of application for online courses is 31st January 2015.

National Committees are requested to publicize the above online courses within their countries and forward the applications of up to 2 candidates in the given proforma, so as to reach Central Office by 10th January 2015.

For more information about the online course, admission criteria, etc., please visit the website <https://flores.unu.edu/general-information/> or contact Ms. Kristin Meyer [meyer@unu.edu](mailto:meyer@unu.edu).

## AFED Conference on Food Security

The Arab Forum for Environment and Development (AFED) held its 7th Annual Conference 'Food Security' on 26-27 November 2014 at Royal Convention Centre at Le Meriden in Amman, Jordan under the leadership of His Majesty King Abdullah II ibn Al Hussein. The participants addressed food security in Arab countries during the Forum. The conference was attended by 750 delegates of 170 public and private institutions from 54 countries as well as representatives of regional and



international organizations and research centers, including Kuwait Fund for Arab Economic Development (KFAED) Kuwait Foundation for the Advancement of Science (KFAS) and the Supreme Council for Planning and Development (SCPD).

The purpose of the conference was to provide an overview of the state of agricultural resources in Arab countries, and discuss the role of science and technology in enhancing water and food security. The conference agreed with the findings of AFED report to enhance the level of sustainable food self-sufficiency, Arab countries face serious challenges emanating from a backdrop of constraining factors, including scarce water resources, limited cultivable land, degradation of natural resources and grave implications of climate change. A detailed report of AFED Conference can be downloaded at <http://www.afedonline.org/Report2014/English.html>

## Development of Cooperation in the Aral Sea Basin to Mitigate Consequences of the Environmental Catastrophe

An International Conference on 'Development of Cooperation in the Aral Sea Basin to Mitigate Consequences of the Environmental Catastrophe' was held on 28-29 October 2014 at Urgench City of Khorezm region, Uzbekistan, organized by the Government of the Republic of Uzbekistan.

More than 24 international and regional organizations, financial institutions, World Bank, Asian Development Bank, the Organization for Economic Cooperation and Development, as well as scientists and experts in the fields of environmental sciences, climate change, water resources management from 26 countries attended the Conference.

The main purpose of the conference was to discuss the situation in the Aral Sea Basin and mobilize the efforts of international community to carry out practical actions in implementing programs and projects aimed at improving the environmental and socio-economic situation in the Aral

Sea Basin, as well as ensuring further development of international cooperation to reduce the negative consequences of this global environmental catastrophe.

The welcome speech was made by H.E. Islam Karimov, President of Republic of Uzbekistan and Chairman of the International Fund for Saving the Aral Sea (IFSA) during the conference. President Karimov emphasized the importance of taking effective measures to weather the repercussions of the Aral disaster, the consequences that have long gone beyond the borders of one region. It was also emphasized the need for special attention to current and future problems of water resources in the Aral Sea and to the issues of their rational and efficient use. The priority issues outlined were: (a) safety of hydraulic structures; (b) resulting in more than 40-50 years of their operation; (c) introduction of water saving technologies in all water uses; and (d) improving land and water productivity.

During the conference, the participants focused on the relevant projects of the Third Aral Sea Basin Programme (ASBP-3), which were designed to provide reliable and secured operation of hydraulic structures for the long term, the effectiveness of measures to protect against natural disasters, stable water supply to water users, and a general well-being and development of the Central Asian region.

All participants appreciated the conference and expressed confidence that would afford a new impetus to bolstering the international cooperation in weathering the impacts of the drying out Aral Sea. Please access <http://www.gwp.org/en/CACENA/News/International-Conference-Development-of-Cooperation-in-the-Aral-Sea-Basin-to-Mitigate-Consequences-of-the-Environmental-Catastrophe/> and <http://www.icwc-aral.uz/arakonf2014-report.htm> for more information about the Conference.

## Summary of First International Environment Forum for Basin Organizations

The First International Environment Forum for Basin Organizations was held from 26-28 November 2014 at Nairobi, Kenya. The Forum was organized by the UN Environment Programme (UNEP) and co-convened with the International Network of Basin Organizations (INBO). The main objective of the Forum was to strengthen basin organizations as key building blocks for environmental governance.

The four main themes of the Forum were (a) water quality and ecosystem health; (b) the water-energy-food nexus and adaption



L-R: Arnold Kreilhuber, UNEP; Thomas Chiramba, UNEP; Ibrahim Thiaw, Deputy Executive Director, UNEP; Ephraim Kamuntu, Minister of Water and Environment, Uganda; and Elizabeth Mrema, UNEP-DEL

to climate change; (c) environmental laws and regulations; and (d) institutional challenges.

More than 120 participants, including honourable ministers from Ministry of Water, heads of international organizations and other delegates from 45 government organizations, 24 basin organizations, and many partner institutions participated in this Forum. During the Forum, delegates shared approaches and experiences to strengthening freshwater governance in their countries and regions, and discussed ways to enhance implementation of basin-level agreements and relevant global conventions, especially in light of the entry into force of the UN Convention on the Law of the Non-Navigational Uses of International Watercourses in August 2014 (the Watercourses Convention, or UNWC).

A summary report of the Chair highlighted the issues of concern and made recommendations under the four themes of discussion, including, inter alia: improving monitoring and assessment of basins; strengthening institutional arrangements; introducing taxes and disincentives for pollution; harmonizing norms and regulations; increasing financial support for basin organizations; and supporting basin organizations' role in adaptation to climate change. For more information, please access <http://www.iisd.ca/basin/if/2014/html/crsvol227num1e.html>

## Water Management for Sustainable Development

The Indian Water Week (IWW) - 2015 on the main theme 'Water Management for Sustainable Development' will be held from 13-17 January 2015 at Vigyan Bhawan, New Delhi, India. The event will be organized by the Indian National Committee, Ministry of Water Resources, River Development & Ganga Rejuvenation, Government of India in co-ordination with nodal ministries of Agriculture, Environment & Forests and Climate Change, Rural Development, Urban Development,

Drinking Water and Sanitation, Power and Planning Commission, along with their associated expert organizations and Public Sector Units, key international bodies and private and publication houses. The sub-themes of IWW covered are : (a) Water for sustaining life (covering topics such as rivers and health of people, ethical values in water resources development and management, rejuvenation of rivers etc.); (b) Water management for sustainable agriculture; (c) Sustainable drinking water supply; (d) Sustainable urbanization and water related issues; (e) Sustainable industrial development and water; (f) Multi-sectoral and cross cutting issues in water resources management; (g) Stakeholders cooperation for water sustainability; and (h) Water for sustainable energy development.

Indian Water Week-2015 will address the issues of sustainability of water resources development and management in line with Sustainable Development Goals 2015. Please visit to Indian Water Week website <http://www.indiawaterweek.in> for more information.

## News from ICID National Committees

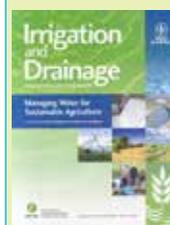
### MALCID (Malawi)

The host University of Malawi organized its 15th Water Net/WARFSA/GWP-SA International Symposium from 29th October to 31st October 2014 at Sagecoa Peacock Hotel, Lilongwe, Malawi. The main theme of the Symposium was 'IWRM for harnessing socio economic development in Eastern and Southern Africa' and sub-themes were: (a) Hydrology; (b) Water and environment; (c) Water and Land; (d) Water and Society; (e) Water Supply and Sanitation; and (f) Water Resources Management. More than 228 delegates

## Minutes of the 65th IEC and Workbody Meetings at Gwangju, Korea - Online

The Draft Minutes of the 65th International Executive Council (IEC) and Pre-Council Meetings of Workbody meetings held from 16th September to 20th September 2014 at Gwangju, Republic of Korea, have been uploaded in the ICID website <http://www.icid.org/minutes.html> for comments. Comments, if any, are invited by the ICID Central Office <[icid@icid.org](mailto:icid@icid.org)> by 20 December 2015. The Final Minutes prepared after inputs from the Members will be circulated via web. The printed copies of the 'Minutes' will be sent to all the National Committees, Office Bearers, Chairs of Workbodies based on these final minutes.

## Take advantage of Irrigation and Drainage Online



The ICID Journal Irrigation and Drainage is available online FREE via Wiley Online library for all ICID

Office - Bearers, Work body Chairs, Members and National Committees.

Now available on the website is Volume 63.5 (Pages 561-710), December 2014. Click on <http://onlinelibrary.wiley.com/doi/10.1002/ird.v63.5/issuetoc> for direct access to the page with the papers in this issue of Irrigation and Drainage.

ICID members can now avail a **special 35% discount** on all the Wiley printed publications under the Society Discount Programme introduced recently. Members are encouraged to take advantage of this special discount.

from the Southern African Development Community (SADC) region, East Africa, and Europe attended the symposium. The main purpose of the symposium was to promote interaction among policymakers, academics, practitioners from water and related sectors, and cooperating partners. They identified regional issues, gaps and priorities that required further research and support. The Opening Remarks was graced by Guest of Honour Dr. Allan Chiembekeza, Hon'ble Minister of Agriculture Irrigation and Water Development, who emphasized on the lack of an integrated approach in water management and the role of IWRM in economic development. A Keynote Address was delivered by Prof. Zachary M. Kasomekera, Chairman of Lilongwe University of Agriculture and Natural Resources and Program Manager of Greenbelt Initiative, provided possible remedies to IWRM, such as the need for national governments to facilitate water infrastructure through funding, more involvement of rural mas through community mobilizing to promote IWRM and creating champions of IWRM. The remedies were given in light of his opinion of IWRM complex undertaking with competing demands at catchment level.

### MANCID (Malaysia)

A Training Needs Assessment Workshop for Water Education organized by Institute for Environment and Development (LESTARI), Universiti Kebangsaan Malaysia (UKM) in collaboration with Malaysian Country Water Partnership (MyCWP), Malaysian Water Partnership (MyWP) and Universiti

Putra Malaysia (UPM) on 20 November 2014 at Hotel Puri Pujangga, UKM Bangi, Universiti Kebangsaan, Malaysia. About 30 participants, including higher education institutions, research centres, federal government agencies and national and international NGOs attended the workshop. The objectives of the workshop was to identify issues and problems related to training needs in water education, introduced the project and problem-based approach to teaching and learning, explored the use of GWP and IWRM ToolBox which could be utilized in both formal and non-formal education programmes, as well as applied the learning for change method as potential tool in water education. During the workshop, case studies including issues, challenges and solutions in water education were also shared among participants.

Please access <http://www.mywp.org.my/training-needs-assessment-workshop-for-water-education-20-november-2014-puri-pujangga-universiti-kebangsaan-malaysia/> for more information about the workshop.

## News From ICID National Committees

### IACID (Australia)

The new e-mail address of Dr. Clarke Ballard (Members of the ICID's Working Group on Water Management in Water Stressed Regions, WG-DROUGHT and Working Group on Environment, WG-ENV) is <ballardc@eftel.net.au>

### BANCID (Bangladesh)

ICID fraternity extends its warm welcome to Mr. Md. Afzal Hossain from Bangladesh, who have assumed the charge of new Director General of the Bangladesh Water Development Board (BWDB) and Chairman of the Bangladesh National Committee of ICID (BANCID). Contact coordinates of Mr. Hossain are:

Mr. Md. Afzal Hossain, Director General, Bangladesh Water Development Board (BWDB) and, Chairman, Bangladesh National Committee of ICID (BANCID), WAPDA Building (2nd Floor) Motijheel C/A, Dhaka-1000, Bangladesh; Tel: +88029552194, +88029564665; Mobile: +8801711068344; Fax: +88029564763, Email: dg.bwdb.bd@gmail.com, jrcombd@gmail.com

### KCID (Korea)

New postal address and telephone nos. of Korean National Committee on Irrigation and Drainage (KCID) are:

Korean National Committee on Irrigation and Drainage (KCID), 98, Anyang pangyo-ro, Uiwang-si, Gyeonggi-do, 437-703, Republic of Korea. Tel.: +82-31-420-0784 & +82-31-420-0786

KCID also informed that the new Vice Presidents are - Mr. Kim Min Chul and Mr. Ryu Jeon Yong, who are the Director Generals of Overseas Project Office and International Cooperation Office in KRC, their address and telephone nos are: Mr. Kim Min Chul, Vice President, KCID; Tel.: +82613386511; Mobile: +821071891657 and E-mail ID: mintchul@ekr.or.kr; and Mr. Ryu Jeon Yong, Vice President, KCID; Tel.: +82613386441; Mobile: +821025031766 and E-mail ID: ryu5042@hanmail.net

### THACID (Thailand)

THA 2015 International Conference on 'Climate Change and Water & Environmental Management in Monsoon Asia' will be held during 28-30 January 2015 at Swissotel Le Concorde, Bangkok, Thailand.

The topics of the Conference are: (a) Climate Change and Uncertainty in Hydrology and Meteorology, (b) Participatory Management for Water and Irrigation Project, (c) Emerging Technologies in Water Management and Environment, (d) Water Related Disaster Management, and (e) Parallel session of planning for Water related Disaster Project under Climate Change.

Please contact: Sucharit Koontanakulvong (Faculty of Engineering, Chulalongkorn University), Email: Sucharit.k@chula.ac.th, Tel: (+66) 81 646 9750 and website: [http://www.tha2015.org/Home\\_list.asp](http://www.tha2015.org/Home_list.asp)

### USCID (USA)

The U.S. National Committee on Irrigation and Drainage (USCID) will be organizing the Eighth International Conference on Irrigation and Drainage titled 'Sustainable Basin Water Management – Challenges of Supply and Demand Management at the Basin Scale' on 2-5 June 2015 at Reno, Nevada, USA. The detailed information related to the Conference is available at <http://www.uscid.org/15nvconf.html>

## Forthcoming Events

### ICID Events

**66th IEC and 26th European Regional Conference**, 11-16 October 2015, Montpellier, France. Theme: Innovate to improve irrigation performances. Contact : Secrétaire Général, Association Française pour l'Etude des

Irrigations et du Drainage (AFEID), 361 rue Jean-François Breton, BP 5095, F - 34196 - MONTPELLIER CEDEX 5, France. Tel : +33.4.67.04.63.16, Fax : +33.4.67.16.64.40, E-mail: [icid2015@irstea.fr](mailto:icid2015@irstea.fr), Website: <http://icid2015.sciencesconf.org/?lang=en>

2nd World Irrigation Forum (WIF2) and 67th IEC, 6-12 November 2016, Chiang Mai, Thailand. Theme: Water management in a changing world: Role of Irrigation for sustainable food production. Contact: Dr. Somkiat Prajamwong, Secretary General of THAICID, (Director of Project Management, Royal Irrigation Department), Thai National Committee on Irrigation and Drainage (THAICID), 811 Samsen Road, Thanon-NakornchaiSriDusit Bangkok 10300, Thailand. Tel: +662 243 7883; Fax: +662 243 7883; E-mail: [thaicid@hotmail.com](mailto:thaicid@hotmail.com); Website: <http://www.rid.go.th/Thaicid/>

13th International Drainage Workshop (IDW), March 2017, Ahvaz City, Iran. Theme : Drainage and Environmental Sustainability. Contact: Dr. S.A. Assadollahi, Secretary General, Iranian National Committee on Irrigation and Drainage (IRNCID), No. 1, Shahrsaz Alley, Kargozar St., Zafar Ave., Tehran, Postal Code: 19198-34453, Tel: (+9821) 2225 7348 – 22250162, Fax: (+9821) 2227 2285, E-mail: [irncid@gmail.com](mailto:irncid@gmail.com), Website: <http://www.irncid.org>

23rd ICID Congress and 68th IEC, 8-14 October 2017, Mexico City, Mexico. Theme of the Congress: Modernizing Irrigation and Drainage for a new Green Revolution. Contact: Dr. Luis Rendón Pimentel, President, Mexican National Committee of International Commission on Irrigation and Drainage (MXCID), Gerente de Distritos y Unidades de Riego Comision Nacional del Agua, Insurgentes Sur 2416 7o Piso, Colonia Copilco El Bajo, Delegación Coyoacán, C.P. 4340 México D.F. Tel: +52 53 222407, +52 53 222400 Ext. 6672; Fax: +52 53 222409; E-mail: [cnm@mxcid.org](mailto:cnm@mxcid.org), [luis.rendon@cna.gob.mx](mailto:luis.rendon@cna.gob.mx), [luis.rendon@conagua.gob.mx](mailto:luis.rendon@conagua.gob.mx);

### Other Events

3rd Arab Water Week 2015 titled "Innovations and Sustainable Solutions for the Water Sector in the Arab Region, 11-15 January 2015 at Dead Sea, Jordan. For details, visit: <http://www.iwrm-master.info/2014/08/18/arab-water-week/>

Flooding 2015: Risks and Resilience, 27th January 2015, The Mermaid, London. For details, visit: <http://www.rmets.org/events/flooding-2015-risks-and-resilience>

Africa 2015 – Water Storage and Hydropower Development for Africa, 10-12 March 2015 at Palais des Congrès de la Palmeraie, Marrakesh, Morocco. For details, visit: [http://www.hydropower-dams.com/AFRICA-2015.php?c\\_id=89](http://www.hydropower-dams.com/AFRICA-2015.php?c_id=89)

World Water Day 2015 on the theme "Water and Sustainable Development", 22nd March 2015, is organized by United Nations. For details, visit: <http://www.unwater.org/>

7th World Water Forum, 12-17 April 2015 at Daegu-Gyeongbuk, South Korea. For details, visit: <http://eng.worldwaterforum7.org/main/>

## INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

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