



## From Secretary General's Desk...

Dear Friends,

People-centred institutions and practices in the past had managed water systems for over generations and contain in themselves crystals of wisdom of humanity worth protecting and preserving as heritage. This wisdom has realized harmonious and sustainable society through sensible and people-inclusive water management.

Although the development process has attained a high degree of complexity under the limiting natural resources and the burgeoning global population, "these systems provide the DNA for the next generation tools to handle the growing complexity and use of new technology", as succinctly put across by President Dr Saeed Nairizi at the 55th Board of Governor's meeting of World Water Council (WWC). The World Water System Heritage (WSH) programme, which aims at making these crystals of wisdom readily available to those engaged in water management at various levels, has been decided to be launched at the 7th General Assembly of WWC in November 2015 in Marseilles. The National Committees of ICID will have to play an important role in the program that has the potential to provide them the necessary visibility at national level and for ICID at the international level. You will be hearing of this program in more details during the 66th IEC meeting in Montpellier.

In the last one month or so, the President Dr. Saeed Nairizi has had the occasion to visit Tajikistan, Russia, and China where he has had interactions with the Ministers and other



professionals. This has enabled him to get a good feedback on the role being played by ICID and the expectations that the policy makers and National Committees have from ICID. These feedbacks are serving well as inputs for the ICID Vision 2030 exercise. The draft ICID Vision 2030 document would be brought before the Council in Montpellier for wider discussions.

The preparations for the 66th IEC and 26th ERC are going ahead well. I am hopeful that you would have already made the necessary preparations and are in the process of taking advantage of the concessional "Early Bird" registration fee. Please note that there is 50 percent rebate on the registration fee for the Young Professionals (below the age of 40 years) and the retirees (62 years and above). Our AEFID colleagues have planned a number of technical as well as cultural tours in the region. I am sure your participation in these visits would add additional value to the time and money you would invest in this meeting.

We have already consulted the chair of WGs on the agenda for the WGs and the same will be finalized soon. If you still have something in your mind that you would like to bring for discussions at the WGs meetings, please feel free to send it to Central Office.

We are waiting for your inputs on the deliberations you had as part of the celebrations of ICID Foundation Day 2015.

Looking forward to your feedback,

**Avinash C. Tyagi**  
Secretary General

### President Dr. Nairizi Visits Russia

On invitation of Ministry of Agriculture of the Russian Federation, President Dr. Saeed Nairizi visited Russia from 23 to 25th June of 2015. Dr. Nairizi visited the Agrarian University of Russia - State Agrarian University - Moscow Agricultural Academy (RSAU – MAA),



where he emphasized the value of scientific and educational potentials. Dr. Nairizi met Prof. Vasilii Nechaev, Head of State Agrarian University and delivered a lecture titled 'The role of land reclamation in guaranteeing the global food security' for the students, and professionals of Kazan State Agricultural University. He had emphasized on the use of land-reclamation techniques to increase fertility of soils in support of poverty alleviation, which forms priority item under the proposed Sustainable Development Goals (SDGs) being set by United Nations.

During the meeting it was proposed to organize an international conference of educational institutes in the field of land reclamation from the member countries of ICID at the Russian State Agrarian University. Dr. Nairizi also emphasized the importance of imparting training for Agrarian specialists to fulfil their mission



and highlighted the need for creation of a network, to compile world's best practice in education and researches in the field of land reclamation.

President Dr. Nairizi also participated a Forum titled 'International Field days in the Volga Region' at Kazan-city in Republic of Tatarstan. Dr. Nairizi was presented different types of equipment's in the field of land reclamation, which includes advanced sprinklers and suitable irrigation

technologies for agricultural crops. H.E. Marat Akhmetov, Minister of Agriculture of Republic of Tatarstan, explained the manufacturing capabilities of irrigation equipment in Russia.

A field visit to Arskay irrigation system, which consists of 463 ha area of irrigation with cultivation of potato (Agroholding "Kirlay") was arranged. Mr. Mars Hismatulin, Managing Director "Tatmeliiovodhoz" informed that 1.3 thousands hectares of irrigated plots

were developed in last two years under the Federal Targeted Programme for the Development of land-reclamation. As the result, the yield of potatoes has gone up from 45 to 65 tons per hectare. President Dr. Nairizi congratulated the team members on the scales of measures taken to increase food production to ensure food security of Russia in the Republic of Tatarstan region.



## President and Secretary General's visit to China - Highlights

### World Water Heritage Systems (WHS) Program approved by WWC



55<sup>th</sup> WWC BoG meeting, Hangzhou, China

World Water Heritage Systems (WHS) Program has been agreed to be launched by the World Water Council (WWC) at its 55th BoG meeting in Hangzhou, China on 16-17 July 2015. The program is likely to be launched during the 7th General Assembly of WWC scheduled on 13-14 November 2015 in Marseille, France. Pioneered by ICID, the program will be supported by many partner organizations and relevant international expert bodies. Existing world programs such as the World Heritage, the Intangible Cultural Heritage, the Memory of the World, the Globally Important Agricultural Heritage Systems and Heritage Irrigation Structures carried out by UNESCO, FAO and ICID are aimed at different concepts of heritage and effectively segmented into suitable niches of products worth protecting and preserving as heritage by virtue of their irreplaceable value.

These programs do not cover people-centred institutions and practices having sustainably carried out sensible and people-inclusive water management for over generations are one of the areas.

WHS program is expected to cover this gap. It aims at protecting the people-centred practices, institutions,

organizations, regimes and rules serving as soft components of sustainable water management systems across all sectors and geographical areas around the world as intangible water heritages. These intangible heritage systems contain in themselves crystals of wisdom that have created coexistent social systems for humanity and sound environment. ICID, along with its National Committees, will play a key role in this program.

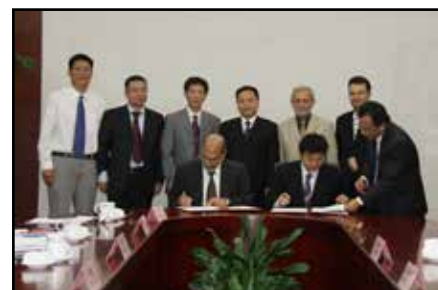
President Dr Saeed Nairizi along with Secretary General Avinash C. Tyagi and Dr Ali Reza Salamat participated in the 55th BoG meeting, which was held in the beautiful city of Hangzhou located on the bank of River Qiantang in the Zhejiang province of PR of China. Dr Nairizi presented the report of the Task Force established to look at the financial and other institutional aspects of the WSH program as its Chair, and informed the BoG, the Government of Iran has already committed to financially support the WSH program, while the negotiations were on with other potential financial partners. President Dr Nairizi presented the key note address at the Workshop 2 on "Rural water saving and water resources management" on the second day of the BoG meeting.

### Meeting with Chinese National Committee of ICID (CNCID)

Making use of the occasion President Dr Nairizi held meeting with Mr Li Guoying, Hon'ble Vice Minister of Water Resources, P.R. of China in Beijing on 14th July 2015. PH Dr Gao Zhanyi and VP Dr Ding Kunlun and SG Er Avinash C Tyagi and other officials of Ministry of Water Resources also attended the meeting.

Vice Minister explained the water challenges being faced by China and the solutions being adopted by the Government to make the development sustainable. He expressed his continued support to ICID to carry out the good works being undertaken by it. He suggested that ICID should reorient its activities in such a way that it supplements the efforts of the Governments in rural development. Agriculture water management, he opined, could go a long way in sustainable rural transformation in developing countries. He expressed that CNCID was ready to lead in the rural development and transformation.

Vice Minister Mr Li Guoying suggested that ICID should organize activities to promote SDGs, once they are adopted by UN. He also pointed out the need to follow and coordinate research on "Water Requirement of Crops" and "Standards in Irrigation". He also expressed the need for research in Hydroponic and the willingness of CNCID to participate in the same. President Dr Nairizi expressed



his appreciation for the keen insight and the deep interest shown by the Vice Minister in the irrigation and drainage sector as well as in the works of ICID. Later, a Letter of Agreement (LoA) between Ministry of Water Resources and ICID was signed by Mr Li Ge, Deputy Director General, MWR of PR of China and Secretary General, ICID for providing grant in aid in support of various activities as delineated in the LoA.

On 15th July, President Dr Nairizi held a meeting with Dr Kuang Shangfu, President of China Institute of Water Resources and Hydropower Research (IWHR), in the presence of Mr. Wang Aigou, Chairman of CNCID and other CNCID officials. CNCID is hosted by IWHR. Dr Shangfu pointed out that since more than 60 percent water is being

diverted for agriculture, and shortage of water remains a big challenge, China has placed great emphasis on policy incentives for water saving. This, he pointed out, has resulted in increased productivity in last 10 years without any increase in water withdrawals for agriculture. CNCID would be happy to share this experiences with other stakeholders of ICID and, at the same time, hope to receive more support on water efficient technologies from ICID.

President Dr Nairizi expressed his appreciation for the works that were initiated in ICID during PH Gao Zhanyi's tenure as ICID President and promised to continue these efforts and activities. President Dr Nairizi expressed the need for factoring the Water, Food, Energy nexus into ICID activities. President

Dr Shangfu expressed his support to the WHS programme initially proposed by ICID during the presidency of Dr Gao Zhanyi jointly with WWC.

Later, President Dr Nairizi addressed CNCID members under the "Global Vision Forum" series and shared his thoughts on the topic "Water, Energy, Food and Environment Nexus Approach".

President Dr Saeed Nairizi and Secretary General discussed the issue of a working arrangement between Ningxia Association of Hydraulic Engineering & the Committee of Efficient Use of Water Resources Forum in China-Arab Expo on one side and CNCID/MWR of PR China and ICID on the other.



### Exchange visit between IRNCID and TUCID Experts

An MoU on bilateral collaboration between Iranian National Committee on Irrigation and Drainage (IRNCID) and Turkish National Committees on Irrigation and Drainage (TUCID), was signed in October 2013 with the main objectives of exchanging technical and scientific experiences made based on the progress and achievements within the Irrigation and Drainage sector; assigning studies and researches to groups of experts for mutual benefits; and exchange visit of experts from the other country for proposed studies or tasks.

A delegation of I.R. Iran, from Energy Ministry visited various water resources structures and Water Users Association in Turkey during 16-22 May, 2015.



The IRNCID delegation consisted of experts from the Iran Water Resources Management Company, Khuzestan Water and Power Authority, and Iran Energy and Water Development Company.

The expert delegation visited different parts of the GAP Projects including the Water Management Transition,

Diyarbakir's WUA's and Irrigation Structures, Silvan Dam Delivery Channel, Alkamra Dam, Citin Dam and Network, Batman Irrigation and Drainage Networks, Pumping Station as well as Batman Greenhouse Complexes.

The mutual technical exchange and discussion sessions were held between the IRNCID delegation and the DSI Regional Management teams. Finally, a panel discussion was also organized in the Batman Region with the DSI team that provided insight into the GAP Projects and Irrigation Management Transition in detail.



### Learning from Heritage: National Water Museum of China

President Dr Saeed Nairizi and Secretary General Avinash C Tyagi accompanied by Dr Benedito Braga President WWC and Prof Dogan Altinbilek Vice President of World Water Council visited the National Water Museum of China (NWMC). Set up in Hangzhou city of Zhejiang Province of China in May 2011, the NWMC is a state-level professional museum managed jointly by the Ministry of Water Resources and Zhejiang Provincial Government. Located in the south bank of the Qiantang River and spread over an area of 36500 square meters, it adopts the design of combination of tower with museum, thereby realizing the

organic combination of classical style, modern materials and advanced technology. The museum through its collection and display integrates popular science, awareness, education, research, communication, and leisure.

Core exhibition area of NWMC is divided into three parts: "Long History of Water Conservancy"; "Countless Sights in the Water"; and "The Dragon Bringing Abundant Rainfall". The area of "Long History of Water Conservancy" adopts the model of scene recoveries, exhibition and display of cultural relics, demonstrations by pictures and texts, video deduction and multimedia

application of special effects so as to present the Chinese nation's 5000 years' history and culture of water conservancy. The exhibition area of "Countless Sights in the Water" adopts the interactive method to make the audiences to enjoy fully the knowledge ocean of water science and water resources. With the seal of dragon head and the inscription, the exhibition area of "The Dragon Bringing Abundant Rainfall" explains the origin and cultural connotations of China's water conservancy and expresses the good wishes of the harmonious relationship of human beings with nature.

## Implementation of the International Decade for Action “Water for Life” 2005-2015

President Dr. Saeed Nairizi participated at the High-Level International Conference on the Implementation of the International Decade for Action “Water for Life” 2005-2015 held from 9-11 June 2015 at Dushanbe, Republic of Tajikistan. The main objectives of the conference were to summarize and assess the progress in reaching the goals of the Decade and develop further joint recommendations achieving sustainable development of the water resources.

UN Secretary-General Ban Ki-Moon and 72 delegations of the UN member States, including high dignitaries like, Prime Minister, Deputy Prime Minister, Foreign Minister, Ministers of Water Resources and Irrigation of the UN member States as well as invited participants from FAO, UNESCO, WHO, UNICEF, UN-Water, UNEP, UNU, UN-HABITAT & ISDR were attended the conference.

President Dr. Nairizi was the speaker at the ‘Roundtable’ titled “The Water-Energy-Food-Environment Nexus” which had been co-organized by United Nations Economic Commission for Europe (UNECE) and International Water Management Institute (IWMI). Dr. Nairizi, in his speech, pointed out that water, food, energy and environment are the basic and essential elements of our life which are inextricably linked. He expressed the hope that the environment degradation and economic losses due to unsustainable water development schemes would be contained if the nexus approach is adopted. The Roundtable discussed the concept of integrated water resource management and the emergence of the water-energy-food-environment nexus, which has highlighted the necessity of Dialogue among relevant sectors and levels, crucial role of joint monitoring and observation platforms, key role of institutions in trade-off

between development trajectories of sectors as well as other issues in order to advance the nexus agenda beyond 2015.

While explaining the relationship between water, food and future growing demands, Dr. Nairizi introduced the following nexus approach a way forward which required institutional support to provide appropriate platform for implementation through monitoring and paradigm shift: (a) ICID recommendations to enhance food supply by two scenarios, including irrigation and rainfed scenario; (b) ICID’s perspective to implement nexus within irrigation sector and with other sectors; and (c) ICID’s proposal for better collaboration and announcement, which is ready to open the doors to others.

A detailed ‘Declaration’ of the High-Level Conference is available at <http://waterforlifeconf2015.org/eng/declaration/>



## 33<sup>rd</sup> Spanish National Congress on Irrigation and Drainage

The Spanish Association on Irrigation and Drainage (AERYD) with the support of the ICID Spanish National Committee on Irrigation and Drainage (CERYD) successfully organized the 33<sup>rd</sup> Spanish National Congress on Irrigation and Drainage from 16-18 June 2015 at the premises of the High Technical School of Agronomy Engineering and Environment, Polytechnic University of Valencia (UPV), Spain.

The Opening Ceremony was jointly chaired by Prof. F. José Mora, Chancellor of the Polytech University and Mrs. Liana Ardiles, Director-General of Water, Ministry of Agriculture, Food and Environment (MAGRAMA). While Mr. D. Sala delivered the inaugural speech on theme ‘The Country Irrigation Court of Valencia, Immaterial World Heritage’ during the event.

The Congress was attended by nearly 180 participants, and around 70 technical papers were presented in four thematic categories, namely: (i) Irrigation hydrology, crops water requirements; (ii) Drainage, salinity, irrigation water quality, environmental impacts; (iii) Irrigation engineering and modernization, water and energy saving; and (iv) Irrigation farming management, economy, sustainability, water rights and laws.



During the technical sessions, a large number of conclusions were agreed, the most salient of which were summarized as follows:

- (i) Irrigated agriculture must contribute to the sustainable rural development from the environmental and economic point of view, improving the efficiency of the final use of energy;
- (ii) In order to reach higher sustainability levels of irrigation the water management will be made from a wide scope supported by the use of management indexes along with others associated to reduction of energy consumption and greenhouse gases emissions;
- (iii) The modernization of irrigation schemes force the water users associations to adapt their regulations and operation practices

to the new system requirements, giving them as well the chance to make changes in their organization and improve the management criteria to increase the profitability.

- (iv) The new technologies for irrigation scheduling and management, becoming a new tool for both individual farmers and irrigators communities to operate irrigation systems, particularly in shortage conditions or crops with critical tolerance limits to excess/shortage of water;
- (v) The storage of regenerated water in irrigation ponds require strict control of algae growth to prevent clogging problems of irrigation systems;
- (vi) Due to the higher crops water requirements caused by the higher temperatures brought by the Climate Change the new irrigation water distribution systems, ought to minimize losses of water and energy by means of an efficient management of both resources, reducing exploitation costs.
- (vii) In arid and semi-arid areas irrigated with underground water a good management of the aquifers is essential in order to mitigate the effect of droughts on their resources;

- (viii) Given the present cost of conventional energies, the use of renewable energies might improve the profitability of irrigated crops such as the solar resource;
- (ix) The Irrigation Assistance Services provide recommendations based on ETo calculation normally obtained with data from weather stations. It might be improved by research

projects to determine the ET<sub>o</sub> of crops grown under cover by means of models based on radiation and field experiencing complemented with other instruments as soil moisture probes or just assessments of water supplied to the field in real time.

During the Congress, a Roundtable was also held on the theme "Integrated

management of irrigation, Use and Maintenance of Infrastructures" chaired by Mr. J.R. Lopez Pardo (Ministry of Agriculture), and assisted by four speakers who presented their lectures on 'Technology and Management Innovation at irrigation modernization, Agricultural and Energy Efficiency and Use of regenerated and desalinated water for irrigation'.



## Updates: 26<sup>th</sup> European Regional Conference 2015

The French National Committee on Irrigation and Drainage (AFEID) will host the 26th European Regional Conference (ERC) along with the 66th International Executive Council (IEC) meetings at Montpellier, France, from **11 to 16 October 2015**. The main theme of the

Conference is "Innovate to improve irrigation performance" and three sub-themes (a) Innovations for smallholders in irrigation; (b) Wastewater use in agriculture and (c) Governance of surface water and groundwater.

### Early Bird Online Registration

**Hurry! Save Money!! Register now!!!**

The 'Early Bird' online registration has been opened for the 26th European Regional Conference (ERC) and 66th International Executive Council (IEC) and its pre-council meetings till **31<sup>st</sup> August 2015**. To benefit the early bird online registration, please register at <http://icid2015.sciencesconf.org/resource/page/id/35>

### Abstracts

More than 320 abstracts were submitted for three main sessions of the conference and eight side events/international workshops. The last date for submission of full papers of the international workshops is **31<sup>st</sup> July 2015**. The review process has been completed for selection of all abstracts. More information about the events are available at <http://icid2015.sciencesconf.org/?lang=en>

### National Committees' Display

ICID events provide unique opportunity to member National Committees/Committee to display their activities and achievements, including salient features of their country's water and land resources, etc. through posters, photographs, publications and CD-ROMs. NCs are invited to avail this opportunity and intimate the Central Office latest by **15 August 2015**.

### Plenary IEC

The Plenary Session of the 66th IEC meeting will be held on **12 October 2015 from 17.30- 19.00 hours**. The South African National Committee of ICID (SANCID) has confirmed that they will make a presentation on the challenges being faced by South Africa in sustainable development of rural agriculture.

### ICID Scholarships to Young Professionals: Awards

This year, twelve young professionals sponsored by National Committees (NCs) and partner International Organizations (IOs) have been awarded full scholarship for attending the 26th European Regional Conference (ERC) and 66th International Executive Council (IEC) meetings at Montpellier, France. In order to enrich the repertoire of YPs, two half-day training workshops have been organized for them besides taking responsibilities as rapporteurs in various sessions of the 26th European Regional Conference and attending ICID Working Groups. Hearty congratulations to young professionals who have already been intimated individually.

### Programme

Please download the detailed programme of the 26th ERC and 66th IEC which is available at [http://icid2015.sciencesconf.org/conference/icid2015/Programm\\_day\\_by\\_day\\_at\\_a\\_glance\\_1405\\_22At\\_a\\_glance\\_22\\_ENG.pdf](http://icid2015.sciencesconf.org/conference/icid2015/Programm_day_by_day_at_a_glance_1405_22At_a_glance_22_ENG.pdf)

## 4<sup>th</sup> African Regional Conference on 'Agricultural Land and Water Management for Sustainability under Climate Variability'

The 4th African Regional Conference on Irrigation and Drainage (ARCID) will be organized by Egyptian National Committee on Irrigation and Drainage (ENCID) from 26-28 April 2016 in Cairo, Egypt. The main theme of the Conference is "Agricultural Land and Water Management for Sustainability under Climate Variability" in Africa, with three main topics: 1. Water Use Management, 2. Food Security, and 3. Research Extension Services and Capacity Development. During the Conference, three Keynote speeches will also be organized on topics i.e. (a) Farm and science interface under climate change, (b) Improving agricultural water management in Africa, and (c) Water-Food-Energy nexus challenges at the farm level.

The Call for Papers of the 4th ARCID ([http://www.icid.org/4th\\_afrc\\_call\\_papers.pdf](http://www.icid.org/4th_afrc_call_papers.pdf)) has already been issued online and the same is also widely circulated amongst ICID National Committees and International Organizations for dissemination. Please access to Conference website <http://www.encid.org.eg> for more information. Schedule for submission of abstracts/papers:

- Submission of abstracts: – **15 August 2015**
- Notification of abstract acceptance: – **15 October 2015**
- Submission of full papers: – **15 January 2016**

Contact: Prof. Dr. Mohamed Hassan Amer, Chairman of Egyptian National Committee on Irrigation and Drainage (ENCID), Coastal Protection Building, Fum Ismailiya Canal, Shoubra El-Kheima 13411, P.O. Box: (40), Cairo, Egypt, Tel: (202) 44464505 / Fax: (202) 44464504 and E-Mail: [encid@link.com.eg](mailto:encid@link.com.eg) or [arcid@encid.org.eg](mailto:arcid@encid.org.eg), Website: <http://www.encid.org.eg>

## Water for a Sustainable World

A two-day high level Conference on 'Water for a Sustainable World' was held from 21 to 22 May 2015 at Aquae Venezia, with the official pavilion of EXPO Milano 2015 dedicated to water. The conference organized in collaboration with the Italian Ministry of Foreign Affairs, the Italian Ministry of Environment and the Umbria Region. The International water experts and United Nations representatives who contributed to the Report discussed how water resources and services were essential to achieve global sustainability and how major challenges and change factors in the modern world would affect water resources, services and related benefits in the future. Please access



<http://www.unesco.org/new/en/natural-sciences/environment/water/wwap/> for more information of the event.

The World Water Assessment Programme (WWAP) participated in the conference at Universal Exposition 2015. The main highlight of the event was the

presentation of the main findings of the most recent UN World Water Development Report (2015 edition).

The 2015 edition of the United Nations World Water Development Report (WWDR 2015) titled 'Water for a Sustainable World' was launched during the celebration of the World Water Day (WWD) on 20 March 2015 at New Delhi, India. A detailed information of the World Water Development Report 2015 is available at <http://unesdoc.unesco.org/images/0023/002318/231823E.pdf> and the UN-Water titled "Facing the Challenges – Case Studies and Indicators" is also available <http://unesdoc.unesco.org/images/0023/002321/232179E.pdf>.

## Transboundary Flood Risk Management

A two-day workshop on 'Transboundary Flood Risk Management' was held from 19-20 March 2015 at Geneva, Switzerland within the framework of the programme of work of the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes (Water Convention). This workshop brought together professionals and experts from all over the world working on the transboundary flood risk management and provided a platform to : (a) Exchange experiences concerning the latest developments and

the progress made in the transboundary case studies since the 2009 workshop; (b) Identify relevant problems, successful strategies for transboundary flood risk management and new cooperation models and new ideas and approaches; (c) Present best practice examples of successful transboundary cooperation on flood risk reduction and management.

More than 50 participants from 26 countries and 5 international, intergovernmental organisations were attended the workshop. These

presentations were introduced the participants to a wide range of approaches to flood risk management and highlighted the different stages UNECE Water Convention countries in with regards to establishing transboundary cooperation on flooding.

A detailed Report of the workshop can be downloaded from [http://www.unece.org/fileadmin/DAM/env/documents/2015/WAT/06Jun\\_24-25\\_IWRM\\_Geneva/UNECE-Floods-discussion\\_paper\\_FINAL\\_15-06-2015\\_clean.pdf](http://www.unece.org/fileadmin/DAM/env/documents/2015/WAT/06Jun_24-25_IWRM_Geneva/UNECE-Floods-discussion_paper_FINAL_15-06-2015_clean.pdf)

## 66<sup>th</sup> ICID Foundation Day Celebrated

A seminar on 'Meeting Water and Food Security Challenges for Sustainable Development' was organised on 24 June 2015 in New Delhi, India as part of 66th Foundation Day International Commission on Irrigation and Drainage (ICID) celebrations by ICID jointly with the Indian National Committee. Around 100 participants from academics, research institutes, decision making bodies, implementation agencies, grass-root level workers, international funding agencies, and industries, governmental and non-governmental organizations attended the seminar.

Welcoming the participants Er. Avinash C. Tyagi, Secretary General of ICID, presented ICID its activities in a nutshell and introduced the topic of the seminar and its purpose, especially in the background of ICID Vision 2030 exercise.



Three Keynote addresses were delivered: by Mr. B.N. Navalawala, Chief Advisor to the Union Minister of Water Resources

and Former Secretary, Ministry of Water Resources (MoWR), Government of India (GoI) on the topic "Innovative and sustainable water conservation approaches for irrigation development"; by Prof. Dr. N.K. Goel, Indian Institute of Technology (IIT), Roorkee, India on "Flood frequency analysis under climate and land use changes"; and by Mr

A.B. Pandya, Chairman, Central Water Commission and Vice President, ICID "Need for harnessing the data revolution in Irrigation and Drainage".

A panel discussion moderated by Dr. B.R.K. Pillai, Director (Dam Safety), CWC, with Dr. Ravinder Kaur, Acting Director, Indian Agricultural Research Institute (IARI); Dr. Arvind Kumar, President, India Water Foundation (IWF); Mr. R.K. Gupta, CMD, WAPCOS (I) Ltd.; and Mr. R.S. Pathak, World Bank Consultant deliberated various issues of water resources development in India. Mr. Harish K. Varma, Executive Director of ICID proposed a vote of thanks.

For more information and presentations made during the seminar, please visit [http://www.icid.org/icid\\_day.html](http://www.icid.org/icid_day.html).

### ICID Celebrated ICID Foundation Day

Korean National Committee (KCID) under the leadership of Vice President Bong Hoon Lee celebrated the ICID Foundation Day in a different way by cutting a cake with his team members and shared the same with ICID community.



## News from ICID National Committees

### IACID (Australia)

IACID has nominated Mr. Stephen Mills (Australia) to take up the responsibilities so far undertaken by Dr. Willem Vlotman related to ICID due to his retirement. The contact coordinates of Mr. Stephen Mills who is the former Chairman of ANCID and was CEO of IAL from 1998 to 2008, are:

Mr. Stephens Mills  
37 Maple Crescent, Numurkah VIC  
3636, Australia, Tel.: 03 5862 1777,  
0407 318 751 (Mobile), E-mail:  
stjmills@bigpond.net.au; stjmill@gmail.com

ICID fraternity extends its warm welcome to Mr. Stephen Mills and expresses its thanks to Dr. Vlotman, former Chairman of ANCID/IAL for his valuable contributions to ICID.

### ESCID (Estonia)

A three day Conference on 'Agricultural drainage systems, their maintenance and cross border cooperation' was successfully held from 20-22 May 2015 in Estonia. During the conference, land improvement system with efficient co-operation between neighbouring countries and cross-border cooperation issues were discussed, in detail. It was highlighted that the Estonia has the largest supplies of agricultural land with the largest proportion of forests - more than a half of mainland covered with forest - having approximately 2.2 million hectares of forest land and 1.3 million hectares of drained land. Estonia is planning to continue with investment into land improvement in 2014-2020 and for this purpose 49 million Euros have been earmarked in the Rural Life Development

Plan. In addition, a traditional Baltic Drainage Conference was also held during the above period. Member countries of Europe namely, Finland, Latvia, Lithuania, Belarus, Georgia and Russia attended the conference. About 11 thematic papers were presented by the member countries.

### IRNCID (Iran)

New postal address of Mr. Yaser Barghi, Iran (Chairman of ICID's Young Professional's Forum, ICID-YPF) is: 91 Alhart St. Richmond Hill, Ontario L4E 0S5.

### MANCID (Malaysia)

#### New Chairman

Ir. Hj. Mat Hussin bin Ghani (Malaysia) has taken over as the new Chairman of the Malaysian National Committee on Irrigation and Drainage (MANCID). The contact coordinates of the Ir. Ghani are:

Ir. Hj. Mat Hussin bin Ghani  
Chairman, Malaysian National  
Committee on Irrigation and Drainage  
(MANCID), Director, Division of  
Irrigation and Agricultural Drainage,  
Ministry of Agriculture and Agro-Based  
Industry, Level 2, Galeria Putrajaya,  
No. 29, Jalan PW4, Persiaran Perdana,  
Precint 4, 62570 Putrajaya, Malaysia,  
Tel: +603 -8894 3001; Fax: +603-  
8894 3150 and Email: mathussin@  
water.gov.my

ICID fraternity extends its warm welcome to Ir. Hj. Mat Hussin bin Ghani and expresses its thanks to Ir. Hj. Syed Abdul Hamid Bin Syed Shuib, former Chairman of MANCID for his valuable contributions to ICID.

### SLNCICID (Sri Lanka)

#### World Environment Day

The SLNCICID together with the Irrigation Department of Sri Lanka under the Ministry of Irrigation launched an island wide tree plantation campaign and organized a Seminar series under the theme 'Facing Climatic Challenges under the Shade of a Protected Environment', on 5th June 2015 as part of World Environment Day celebration.

The event was initiated at 10 major district irrigation schemes across the country with the participation of irrigation sector officials as well as with the support and contribution from the school children. The Irrigation Department in



collaboration with Forest Department and Farmer Organizations, mainly focused on introducing live fences to erect along the upstream of reservoir periphery, toe of reservoir bunds, together with the canals as these would enrich the biodiversity in the vicinity and also preserve the water quality, in addition to prevention of illegal encroachments. With a significant rise of global climatic challenges, the Irrigation Department of Sri Lanka would continue to focus on adopting optimum water management for agricultural development while achieving environmental sustainability.

## NENCID (Nepal)

ICID fraternity extends its warm welcome to Mr. Madhav Belbase and Mr. Bashu Dev Lohane, who have taken over as the new Chairman and Secretary of Nepal National Committee of ICID (NENCID). Their contact coordinates are:

### New Chairman

Mr. Madhav Belbase  
Chairman, Nepal National Committee,  
ICID (NENCID), Director General  
Department of Irrigation, Jawalakhel

Lalitpur, Nepal, Tel: +0977 1 5537311  
(office); 0977 9851103019 (mobile),  
Email: belbase@gmail.com

### New Secretary

Mr. Bashu Dev Lohane  
Secretary, Nepal National Committee,  
ICID (NENCID), Deputy Director  
General, Department of Irrigation  
Jawalakhel Lalitpur, Nepal, Tel: +0977  
1 5537310 (office); 09841277160  
(mobile) and Email: smtp@ntc.net.np,  
iimi@nep.wlink.com.np

**4th African Regional Conference, 26 to 28 April 2016 at Cairo, Egypt.** The main theme of the Conference is "Agricultural Land and Water Management for Sustainability under Climate Variability". Please access Conference website [www. encid.org.eg](http://www.encid.org.eg) for more information.

### 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, Shahrzaz 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 Comisión 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 22409, 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

**Stockholm World Water Week on the theme "Water for Development", 22-28 August 2015 at Stockholm, Sweden.** For details, visit: <http://www.siwi.org/>

### 5th Global Economic Summit on 'Enabling Food for All', 19-21 November 2015 at Mumbai, India.

For details, visit <http://www.bcci.org.bt/blog/2015/03/31/5th-global-economic-summit-on-enabling-food-for-all-from-november-19-21-2015-mumbai/>

**Second Asian Irrigation Forum (AIF2), 17-19 November 2015 on the theme 'Securing Water and Food for the Future' at Manila, Philippines.** For details, visit <http://www.adb.org/news/events/asian-irrigation-forum-2>

## 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>



ICID provides a unique platform for multi-stakeholder in World Irrigation Forum (WIF) for sharing and learning by engaging in issues of interest at global level.

The World Irrigation Forum stimulates and promotes multi-disciplinary discussions towards sustainable solution to water management in agriculture through:

- Exchange of latest irrigation and drainage policies, practices, innovations and technologies;
- Exploring and formulating concrete inter-disciplinary proposals;
- Development of liaison/ collaboration among various national / international institutions/ organizations/ private sector working for irrigated agriculture; and
- Advocacy for political commitments.

The main Theme of the WIF2 is **"Water management in a changing World: Role of Irrigation in Sustainable Food Production"** with the following sub-themes:

- Key actors in balancing water, food, energy and ecology;
- Management of climatic extremes with focus on floods and droughts; and



- Key and smart actions to alleviate hunger and poverty through irrigation and drainage

Various stakeholders/governments are invited to organize events, such as: Technical Sessions; International Workshops; Side Events; Roundtable Discussions; Capacity development events; Ministerial Meetings; and Exhibitions.

**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-Nakornchai Sri Dusit Bangkok 10300, Thailand. Tel: +662 243 7883; Fax: +662 243 7883; E-mail: [thaicid@hotmail.com](mailto:thaicid@hotmail.com); Website: <http://www.worldirrigationforum.net>

## INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India, Tel: 91-11-2611 5679, 91-11-2611 6837, 91-11-2467 9532  
Fax: 91-11-2611 5962; E-mail: [icid@icid.org](mailto:icid@icid.org); Website: <http://www.icid.org>; Facebook: <http://www.facebook.com/icidat>  
Editor: Madhu Mohanan, Communication Officer; Layout: Keshav Dev Tanwar, IT Assistant