



## From Secretary General's Desk...



Dear Colleagues,

Water scarcity is likely to be a major challenge for agriculture, a major consumer of water, for food production. It will intensify adversely as a result of climate change. Supporting countries in adapting agricultural systems to conditions of increasing water scarcity and changing climate is not feasible for any one organization. Realizing this FAO has proposed to use the combined expertise and resources of its partners, including ICID under a Global Framework for Water Scarcity (GFWS).

The objective of the framework is to benefit farmers and rural communities by making them resilient to increasing water scarcity. The initiative plans to build partnerships between water stakeholders at the national level, among countries and among key international bodies involved in agricultural water management. The framework will assist countries in identifying and streamlining policies, governance and practices with a view to sustainably improve agricultural productivity and food security.

It may be recalled that Ministers, participating in the roundtable meeting, during the Second World Irrigation Forum hosted by THAICID in Chaing Mai,

November 2016, had establish a High Level Advisory Group on "Partnerships for Agriculture Water Management" as an action-oriented multi-stakeholder partnership to facilitate improving agricultural water productivity, especially in irrigated areas where the competition for water is intensifying and/or water supplies are becoming less reliable. The two initiatives can be complimentary and ICID as a partner in GFWS will make efforts to bring synergy between the two initiatives.

The 23rd ICID Congress with theme "Modernizing Irrigation System for Second Green Revolution" will also indirectly address the concerns of growing water scarcity and thereby lay emphasis on improving irrigation services. Preparations for the 23rd ICID Congress are in full swing. The last date for submission of the full length papers is **15 June 2017** and the registration for the Congress is now open. Patrons may like to take advantage of 'Early Bird Registration' rates by registering before **15 July 2017**.

As you are aware, ICID has started Webinar Series, which is addressing the 23rd ICID Congress theme 'Modernization of irrigation systems'. Two such Webinars have already taken place and the third on 'Benchmarking of Irrigation Systems' is scheduled on 7 June 2017. NCs may like to make use of this opportunity by taking international experts to their network within their own country and encourage their members to join these Webinars. Some NCs have reported combined viewing of the Webinars, followed by discussions on the topic in local language. I am sure such combined watching will provide NCs an opportunity to organize technical events around these topics and get in touch with their members and make NC and ICID and its activities more visible within their country.

ICID will be celebrating its 68th Foundation Day which falls on 24th June. It provides an opportunity for the NCs to interact with its stakeholders within the country. I look forward to receive feedback from NCs on how they utilized the Foundation Day in communicating with their members.

I congratulate the Working Groups on WG-ENV and WG-IOA for actively involving their members through WebEx and thereby take forward their activities. May I remind Chairs of other WGs also that they can take advantage of the WebEx tool and organize inter-sessional meeting of the WG. This will not only help them take their agenda forward, but will also encourage more members to join WG meetings during IEC.

Congratulations are also due to the coordinators of the ICID Young Professionals e-Forum (IYPeF), who have made use of IYPeF and are undertaking e-discussions on topics of their interest. I appeal to all the experts to participate in the discussions as mentors where feasible.

Let me remind our patrons that last date for receiving the nominations for Best Performing National Committee Award and Best Performing Working Group Award are due by the end of this month. National Committees may also note that the last date for receiving the nominations for WatSave Awards is also fast approaching.

I look forward to receive your valuable feedback.

With best regards,

**Avinash C Tyagi**  
Secretary General, ICID

### Webinar on Practical Benchmarking for Improving Performance of Irrigation and Drainage Schemes

Date: 7 June 2017, 16:30-17:30 hours (Indian Standard Time – IST)

Third Webinar under "ICID Webinar Services" will outline the basic principles of benchmarking as applied to the irrigation and drainage sector and will present case studies from a number of countries where benchmarking has been used. The common pitfalls of benchmarking will be discussed, together with a discussion on the

key processes to be benchmarked and selection and use of indicators.

Dr. Martin Burton (UK) has over 40 years' of experience working in some 32 countries in water resources, irrigation management and institutional development with international reputation in the fields of water management,

performance assessment, benchmarking, asset management and institutional development will deliver the Webinar.

Hurry!! Only limited seats available. Register your participation by visiting [http://www.icid.org/icid\\_webinar.html](http://www.icid.org/icid_webinar.html)



## 23<sup>rd</sup> International Congress on Irrigation and Drainage

8-14 October 2017, Mexico City, Mexico



The 23rd International Congress on Irrigation and Drainage on the theme “Modernizing Irrigation and Drainage for a New Green Revolution” and 68th International Executive Council (IEC) meetings will be organized by the host Mexican National Committee of ICID (MXCID) from 8-14 October 2017, Mexico City, Mexico.

Question 60: Water Productivity: Revisiting the concepts in light of water, energy and food nexus; and Question 61: State of knowledge of irrigation techniques and practicalities within given socio-economic settings, will be discussed during the Congress.

Acceptance letters for submission of full length papers or posters have been issued to the Authors who have been advised to submit their full papers till **15 June 2017** following the Guidelines ([http://www.icid.org/23cong\\_pap\\_guidelines.pdf](http://www.icid.org/23cong_pap_guidelines.pdf)) and using the templates that can be downloaded from [http://www.icid.org/23cong\\_template1.dotx](http://www.icid.org/23cong_template1.dotx) or [http://www.combaticid.org/23cong\\_templates2.dotx](http://www.combaticid.org/23cong_templates2.dotx)

An ‘Abstract Volume’ will be made available for distribution to the registered

delegates along with the full length papers and posters in USBs/DVD.

**REGISTER NOW**

### To Avail — Early Bird ‘Online’ Registration

The ‘Early Bird’ online registration for the 23rd ICID Congress and 68th International Executive Council (IEC) and its pre-Council meetings will open on **15 May 2017 and will be active till 15 July 2017**. For online registration, please visit <http://www.icid2017.org/registration.html>

### Sponsorship & Exhibition

The Organizing Committee of the 23rd ICID Congress is providing opportunity to companies and organizations to promote their products and services to an expected 1000 delegates. The exhibition is expected to be the largest business event in that part of the world relating to agriculture and irrigation.

The venue, International Exhibition & Convention Centre World Trade Centre Mexico City is the country’s largest

### Applications of Geosynthetics to Irrigation, Drainage and Agriculture

A Special Workshop on “Applications of Geosynthetics to Irrigation, Drainage and Agriculture” contributing to the Congress **sub-question 61.2 “Adaptability and affordability of new technologies under different socio-economic scenarios”** will be organized by the International Geosynthetics Society (IGS) Technical Committee on Hydraulic Applications during the 23rd ICID Congress. Mr. Timothy D. Stark ([tstark@illinois.edu](mailto:tstark@illinois.edu)), the Workshop Chairman, has roped in six experts to enlighten the audience on various aspects of the subject. Please visit the Congress website <<http://www.icid2017.org>> for more information.

exhibitions centre. It has tradition of excellence, excellent facilities, security systems, and its highly trained and experienced staff, ensures the success of the exhibitions and provides the value for money. Please access <http://www.icid2017.org/sponsorship.html> for more information about the exhibition.



## Global Framework for Water Security

A two-day Partners Meeting on “Coping with Water Scarcity in Agriculture: A Global Framework for Action in a Changing Climate” was organised by Food and Agriculture Organisation (FAO) from 19-20 April 2017 at Rome, Italy. The objective of the meeting was to bring the partners and key stakeholders together to define the ‘mechanics’ behind the Global Framework; invite suggestions for implementation of Global Framework for Water Security (GFWS) in terms of development of vision and mission, objectives and priorities; governance structure; membership and sectoral coverage; roadmap, milestones, portfolio and resource mobilization; and issue of the Rome Statement on Water Scarcity in Agriculture. More than 100 participants from about 50 organizations and national Governments participated in the meeting.

Er. Harish Kumar Varma, Executive Director of ICID and Dr. Arcieri Marco, Secretary General, Italian National Committee (ITAL-CID) represented ICID in the meeting



Interim Steering Committee Meeting setup during the event

and briefly presented ICID’s suggestions on GFWS and an overview of ICID’s initiatives and programmes which could support aims and objectives of GFWS such as Capacity development programme – training, webinars, e-Learning modules, and scholarship to young professional; ICID Young Professional e-Forum (IYPeF); ICID Awards, especially WatSave, which act as an incentive to development of innovations and technology for water saving in agriculture; World Irrigation Forum as a platform for all stakeholders in Agriculture Water Management, knowledge sharing



Ms. Maria Helena Semedo, Dy. Director-General of FAO welcoming and presenting opening remarks.

and dissemination; and Technical Support Unit (TSU).

**VISION** of GFWS is a world whose food systems are secure and resilient to increasing water scarcity in a changing climate and

**MISSION** is to support measurable, significant and sustainable progress on improving and adapting agricultural systems in conditions of increasing water scarcity



and a changing climate, using the combined expertise and resources of its partners.

**OBJECTIVES** of GFWS are to urgently address the most important and relevant work areas related to increasing water scarcity at international and country levels which include: (i) Need for setting political priorities, (ii) Cooperation on work programmes, (iii) Sharing and dissemination knowledge and experience, (iv) Developing

new and improved solutions, (iv) Promoting sustainable and integrated water resources management, (v) Building capacity of partners, countries and other stakeholders, and (vi) Monitoring and evaluation of the programme.

To implement the programme, a two tier governance structure consisting of a Steering Committee (SC) with representatives from national governments, UN agencies,

academic institutions, research and network organisations and Staff Team at FAO acting as Secretariat to GFWS. ICID has been nominated as one of the member of the interim steering committee set up. At the end of the meeting a non-binding consensus statement was issued as The Rome Statement on Water Scarcity in Agriculture. For more information, please access <http://www.fao.org/land-water/overview/global-framework/en/>

**HURRY!! HURRY!! HURRY!!**

## ICID Invites Nominations for 2017

### Country Papers:

#### Institutional and Organizational Aspects of Irrigation/Drainage System Management

ICID's technical Working Group on Institutional and Organizational Aspects of Irrigation/Drainage System Management (WG-IOA) will be organizing a Symposium on the theme 'Global Review of Institutional Reform in Irrigation Sector for Sustainable Agriculture Water Management, including WUA' on 8 October 2017 during the 23rd ICID Congress. National Committees are requested to submit the Country Paper on the above subject latest by **30 June 2017**.

#### Best Performing National Committee Award

The Sixth 'Best Performing National Committee Award (BPNCA)' would be presented during the 23rd ICID Congress. Nominations are invited from National Committees for BPNCA-6 based on the performance during the 3-year period covering calendar years 2014-2016, by submitting the duly filled in 'Entry Form' to ICID Central Office latest by **31 May 2017**. For more details on BPNCA, please visit the link [http://www.icid.org/awards\\_nc.html](http://www.icid.org/awards_nc.html)

#### Best Performing Workbody Award

The fifth 'Best Performing Workbody Award (BPWA-5)' is scheduled to be presented during the 23rd ICID Congress.

Nominations are invited from the Chairs of the ICID Workbodies for the candidature of their workbodies so as to reach ICID Central Office latest by **31 May 2017**. The valuation by a Panel of Judges (PoJ) would be based on various activities undertaken by the participating workbodies in between the two Congresses, viz 22nd and 23rd Congresses. The works of the Award winning workbody are publicized through ICID media. The Award comprises of a Citation / Certificate / Plaque to active members of the workbody, who have contributed to the achievements, besides free publications of decided value that will be given to each member of the workbody. For more details on BPWA-5, please visit [http://www.icid.org/awards\\_wb.html](http://www.icid.org/awards_wb.html)

#### WatSave Award

Nominations are invited for the 'WatSave Awards 2017' from individuals/team through National Committees/Committee latest by **30 June 2017** in four categories: (i) Technology; (ii) Innovative Water Management; (iii) Young Professional; and (iv) Farmers

Nominations are to be routed through the National Committee (NC) in order to ensure the originality and authentication of the work and only one nomination per category per country based on merit is accepted from each NC. ICID member country can also support one nomination from a non-member country.

NCs have to 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 68th International Executive Council (IEC) meeting scheduled to be held in October 2017 at Mexico City, Mexico.

For more information, please visit [http://www.icid.org/ws\\_scheme.pdf](http://www.icid.org/ws_scheme.pdf)

#### Heritage Irrigation Structures (HIS)

Nominations are invited from ICID National Committees for selection of "Heritage Irrigation Structures" (HIS) older than 100 years. National Committee can nominate more than one structure, using separate nomination form for each. Associated Members and non-member countries can nominate their structures through the neighboring active national committees or by submitting directly to Central Office.

The third batch of the Heritage Irrigation Structures will be included in the ICID Register of Heritage Structures and awarded a "Plaque" during the 68th IEC meeting to be held at Mexico City, Mexico in October 2017. The last date for receipt of nomination at ICID Central Office is **30 June 2017**.

For more information about the background, scope, objectives, criterion for selection procedure, nomination form can be downloaded at [http://www.icid.org/his\\_appendix\\_n\\_annexure.pdf](http://www.icid.org/his_appendix_n_annexure.pdf)

## 68<sup>th</sup> ICID Foundation Day Celebration

The International Commission on Irrigation and Drainage (ICID) will be celebrating its '68th Foundation Day' on 24 June 2017. It is a matter of great pride for ICID fraternity spread across the globe to observe this Foundation Day by re-dedicate to the mission of ICID. ICID request all National Committees/Committee/Direct Members to commemorate the day as 'ICID Foundation Day' by organizing a variety of events like scientific / professional meetings, brainstorming sessions, essay and drawing competitions to create awareness about the current issues on water and food security etc.

Please also provide a brief feedback on the celebration of the Foundation Day along with some good quality pictures (in JPG/ GIF/TIF format) to the ICID Central Office (E-mail: [icid@icid.org](mailto:icid@icid.org)) for its coverage in the forthcoming issues of the ICID News Updates.

## 8th World Water Forum Second Stakeholder Consultation Meeting



A two-day Second Stakeholder Consultation Meeting of the 8th World Water Forum (WWF8) was held from 26-27 April 2017 at Brasilia, Brazil. Mr. Masao Miyazaki,

Secretary General of Japanese National Committee of ICID (JNC-ICID), Mr. Fumihiko Onodera (Japan) and Dr. Paulo Romano, representative from Brazil National Committee (ABID) represented ICID during the meeting. More than 800 participants from several countries and representatives of various stakeholder sectors attended the 2nd Stakeholders Consultation Meeting on water management. This event was part of the preparatory process of the 8th World Water Forum on the theme "Sharing Water" which will be held from 18-23

March 2018 at Brazil. Please access <http://www.worldwaterforum8.org/> for more information on the Forum.

Mr. Masao Miyazaki drew the attention of the members under the topic 'Water for Food' on the following issues: (a) Soil and water conservation practices in watersheds and for food production; (b) Integrated surface and groundwater governance for food production; and (c) Building resilience in agricultural system to cope with climate extremes (flood and drought).



## Cooperation between ITAL-ICID and IRNCID



A Joint Meeting between Iranian National Committee on Irrigation and Drainage (IRNCID) and Italian National Committee

on Irrigation and Drainage (ITAL-ICID) was held on 10 May 2017 to expand their cooperation and exchange of experiences on irrigation and drainage management.

On behalf of ITAL-ICID, Dr. Arnaldo Pierleon visited IRNCID Secretariat and participated in a joint session to explore the areas of cooperation between the IRNCID and ITAL-ICID. He was accompanied by several members of the Executive Board and Heads of international working groups.

To encourage inter-NC cooperation, President Dr. Saeed Nairizi participated in the Session. IRNCID and ITAL-ICID decided to develop a cooperative program for dealing with existing challenges in irrigation and drainage sector and go for a formal Memorandum of Understanding (MoU) between the National Committees of the countries in the near future.



The World Day to Combat Desertification (WDCD) is observed worldwide on 17 June 2017 every year. This year, the theme of the 2017 World Day to Combat Desertification is "Our land, Our home, Our future". The purpose of World Day to Combat Desertification (WDCD) is to highlight ways to prevent desertification and recover from drought. WDCD promotes public awareness on the issue related to desertification, and the implementation of the United Nations Convention to Combat Desertification in those countries experiencing serious drought and/or desertification, particularly in Africa.

For more information, please access <http://www.unccd.int/en/programmes/Event-and-campaigns/WDCD/Pages/default.aspx>

## Two e-Learning Courses on Water Footprint Assessment: Concept and Application

The 'Water Footprint Assessment: Concept and Application' e-Learning course is a self-taught online foundation course facilitated by experts from the Water Footprint Network and the University of Twente. This online course is one of the most effective tools for understanding the fundamentals of Water Footprint Assessment and how it can be used by consumers, business, policymakers, government representatives and non-governmental institutions. This three week course developed with the support from the World Bank Institute and the University will be offered from 10 July to 31 July 2017 and 13 November - 4 December 2017. The aims of the course is to provide participants with an introduction to the concept and application, with five modules – (i) Water Footprint Concept and Application; (ii) Global Water Management; (iii) Government Policy; (iv) Corporate Strategy; (v) Calculating the Water Footprint. The course involves both

self-paced learning and online discussion facilitated by experts.



Interested participants can get more information by visiting <http://waterfootprint.org/en/about-us/events/online-course-water-footprint-assessment/> and <http://waterfootprint.org/en/about-us/events/e-learning-course-waterfootprint-assessment/>



## Stockholm Water Week 2017 - Water and Waste: Reduce and Reuse

The World Water Week is hosted and organized by the Stockholm International Water Institute (SIWI) each year in Stockholm since 1991. This year, World Water Week will be held from 27 August - 01 September 2017 at Stockholm, Sweden, with the theme "Water and Waste: Reduce and Reuse". The scoping note for the theme can be accessed at <http://www.worldwaterweek.org/programme/#thematic-scope>

It addresses key challenge for which two Sustainable Development Goals (SDG's) have set ambitious targets: SDG 6, target 3: "by 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally", and SDG 12, target 5: "by 2030, substantially reduce waste

generation through prevention, reduction, recycling and reuse". These are two of the 169 SDG targets, many of which, along with the 2015 Paris Agreement on climate change and the annual Global Risks Reports launched by the World Economic Forum in Davos, highlight our challenge to achieve sustainable development in a changing world. To view the programme and to register, please visit <http://www.worldwaterweek.org/>



## World Water Day 2017 Celebrations

### Bangladesh (BANCID)

The Bangladesh National Committee of ICID (BANCID) organized a Seminar on the theme "Wastewater" on 28 March 2017 in association with Bangladesh Water



Development Board (BWDB), Institute of Water Modeling (IWM) and Center for Environmental and Geographic Information Services (CEGIS). Mr. Muhammad Nazrul Islam, Bir Protik, MP, Hon'ble State Minister, Ministry of Water Recourses, Government of the People's Republic of Bangladesh, graced the occasion as Chief Guest. While Dr. Zafar Ahmed Khan, Senior Secretary, Ministry of Water Recourses, was the Special Guest. The Seminar was chaired by Mr. Md. Jahangir Kabir, Director General of Bangladesh Water Development Board (BWDB) and Chairman, BANCID. The Seminar was attended by eminent water experts and engineers from different government and non-government organization, academicians and representatives from NGOs.

Keynote papers on the theme "Wastewater" were presented by Dr. Md. Mujibur Rahman, Professor, BUET; and Engr. Taqsem A. Khan, Managing Director of Dhaka Water Supply & Sewerage Authority (WASA). The following recommendations emerged from the seminar:

- Increasing awareness among all stakeholders is very much essential so that they do not discharge any type of waste or pollutant into the surrounding

rivers, canals and any other water bodies without proper treatment.

- Enormous opportunities can be explored from safely managed wastewater and fecal sludge as potentially affordable and sustainable sources of water, energy, nutrients and other recoverable materials.
- Proper management of wastewater will also provide benefits to human health, economic development and environmental sustainability- providing new business opportunities and create more 'green' jobs.
- Awareness building among the vulnerable groups, especially women and children about the risk of partially treated or untreated wastewater is an urgent need.
- Capacity building and knowledge enhancement of the concerned organizations for improved wastewater management and sanitation are necessary.
- Urgent steps should be taken by the concerned authority to prevent encroachment and pollution of the rivers of Bangladesh.

### Pakistan (PANCID)

PANCID has reported that the Pakistan Council of Research in Water Resources (PCRWR), Ministry of Science and Technology, Government of Pakistan, together with its partners (Metropolitan Corporation Islamabad, Ministry of Climate Change, ECO Science Foundation, ICIMOD, Riphah International University, UNESCO Water Chair, IUCN, CCRD and LEAD) celebrated the World Water Day 2017 on 20 March 2017 in Islamabad along with poster competition on water conservation, wastewater management etc.

On this occasion Mr. Muhammad Azam Khan, Deputy Mayor of Islamabad highlighted the groundwater depletion, water shortage and waste water management which have the major problems in the Capital. While Dr. Muhammad Ashraf, Chairman of PCRWR informed that UN-Water declared the theme of World Water Day 2017 "Wastewater". The

representatives from UNESCO, ICIMOD, IUCN, LEAD Pakistan, NARC, NUST, ECO-SF and Riphah International University were also present and made their presentations during the event.

### USPCAS-AFS organized World Water Day

An 'International Seminar on World Water Day 2017: Wastewater' jointly organized by U.S. Pakistan Center for Advanced Studies in Agriculture & Food Security (USPCAS-AFS), Water Management Research Centre and Dept. of Irrigation & Drainage-Faculty of Agri. Engg. & Technology in collaboration with International Food Policy Research Institute (IFPRI) on 25 March 2017 at University of Agriculture, Faisalabad. More than 200 participants attended the seminar.

Prof. Dr. Iqar Ahmad Khan, Vice Chancellor of the University graced the event as Chief Guest, while Er. Syed Zahid Aziz, Managing Director of WASA-Faisalabad was the Keynote Speaker. The 'Welcome Address' was made by Dr. Syed Hamid Hussain Shah, Director of WMRC and briefed the theme of World Water Day. He further emphasized on the need of safe disposal and reuse of wastewater for agriculture after proper treatment.

Dr. Syed Zahid Aziz, Managing Director of WASA-Faisalabad delivered his Keynote Address and emphasized on issues like wastewater production and treatment statistics for Faisalabad city. Engr. Haroon Rasheed, Lecturer in Dept. of Structures and Environmental Engineering made a presentation on doctoral research work in the area of wastewater. He highlighted the problems caused by industrial effluents when disposed to drains without treatment. He especially emphasized on their adverse impacts on soil and groundwater and presented a case study of tannery areas in Kasur district





## Climate Change and Adaptation

The Tamil Nadu Agricultural University (TNAU) organized an International Conference on "Climate Change and Food Security" as a part of the ongoing international collaborative programme ClimaAdapt ([www.climaadapt.org](http://www.climaadapt.org)) from 11-12 May 2017 at Chennai, India. More than 100 professionals attended the conference.

TNAU is undertaking ClimaAdapt programme in coordination with Norwegian Institute of Bio economy Research (NIBIO), Water Resource Organizations, Irrigation Management Training Institute (IMTI), M.S.Swaminathan Research Foundation (MSSRF), Water and Land Management Training and Research Institute (WALAMTARI) and International Water Management Research Institute (IWMI). The Ministry of Foreign Affairs, Norway through the Royal Norwegian Embassy, New Delhi, funds the project.

The two-day conference provided a platform to elucidate the project results to wide audience including scientists, policy makers, administrators, farmers and other stakeholders. This program has helped in developing protocols/agreements for replicating significant outcomes of ClimaAdapt to similar locations.

The inaugural session started with a welcome note by Dr. V. Geethalakshmi, Professor, TNAU; Opening remarks by Dr. Nagothu Udaya Sekhar, Professor, International Department, NIBIO; Releasing the ClimaAdapt policy briefs by Mr. L. Narayan Reddy, Director General, WALAMTARI. In addition, special addresses



by Dr. M.S. Swaminathan, Founder Chairman, MSSRF; and Secretary General Avinash Tyagi. The inaugural address was delivered by Dr. N.S. Rathore, Deputy Director General, Indian Council of Agricultural Research (ICAR).

The conference witnessed keynote addresses of Dr. Kalanithy Vairavamoorthy, DDC (Research), IWMI on topic 'Adaptation to climate change: Increasing necessity for a water secure world'; Dr. Sonali McDermid, Scientist, New York University on topic 'Climate change projections: Multi model approach to address uncertainty issues'; Dr. V. Geethalakshmi, Professor, TNAU on topic 'ClimaAdapt: Regional integrated assessment of climate change impacts on rice production over Cauvery and Krishna river basins'; and Dr. Himanshu Pathak, Director, National Rice Research

Institute on topic 'Greenhouse gas emission mitigation from agriculture sector.'

The conference was covered in a total six sessions, (1) Climate change and variability, modelling and reducing uncertainty; (2) Climate change adaptation; (3) Climate change mitigation; (4) Climate change, capacity building & gender mainstreaming; (5) Farmer connectivity, knowledge transfer through ICT tools; and (6) Climate financing and polity; covering 23 presentations. A panel discussion on 'Climate smart technologies and small holder's adaptation' was also organized during the conference.

At the Valedictory Function Dr. V. Geethalakshmi summarized all the sessions. It was followed by concluding remarks by Dr. Nagothu Udaya Sekhar, NIBIO, Norway; and Vote of thanks by Dr. A. Lakshmanan, Professor, TNAU.

### Short Course on Water Security

The University of East Anglia (UEA) will be organizing a Short Course on 'Water Security for Policy Makers and Practitioners' during 19-23 June 2017 at Norwich, UK. The Course is designed for entry and mid-level water and development policy-makers and professionals in government, donor agencies, NGOs or implementing agencies, environmental journalists, consultants and activists.

The course is offered in two professional training courses i.e. (a) Water Security for Policy Makers and Practitioners; and (b) Water Stewardship.

Participants can expect to acquire a wide variety of tools and analytical framework from a variety of disciplines. They will leave the course with an ability to critically assess and address current water security policy, gain an appreciation of the relations between water security and energy, climate, food, human or national security and have extended their networks and resource bases. Please access <https://www.uea.ac.uk/international-development/dev-co/professional-training/water-security> for more information.

### News from ICID National Committees

#### CTCID (Chinese Taipei)

New email ID of the ICID-Chinese Taipei Committee (CTCID) is <[ctcid@triwra.org.tw](mailto:ctcid@triwra.org.tw)>

#### INACID (Indonesia)

Ir. Adang Saf Ahmad, CES, has taken over as Chairman of the Indonesian National Committee of ICID (INACID). The contact coordinates are:

Ir. AdangSaf Ahmad, CES, Chairman, Indonesian National Committee of ICID (INACID), Director General of Research and Development, Jalan Pattimura No. 20/ Perc. No.7, Kebayoran Baru, Jakarta Selatan, 12067, Indonesia. Email: [secretariat@icid2010.org](mailto:secretariat@icid2010.org), [inacid\\_indonesia@yahoo.co.id](mailto:inacid_indonesia@yahoo.co.id). Tel: +62-021-723-0318/ Fax: +62-021-723-0317

ICID fraternity extends its warm welcome to Ir. Adang Saf Ahmad and expresses its thanks to Ir. Mohamad Hasan, former President of INACID for his valuable contributions to ICID.

### IRQCID (Iraq)

The 'World Earth Day' was celebrated on 22 April 2017 by the Ministry of Water Resources at Baghdad, Iraq. The event was decided by the United Nations, highlighted the interest in environment and the protection of earth planet with its ecology systems from deterioration resulting from human activities with their negative damage on nature and the necessity to take the required procedures, putting the inclusive policies to achieve sustainable development goals with the three environmental, economic and social dimensions which was confirmed by UN Resolution 232/71 for 2016 concerning Achieving harmony with nature.

The event included several lectures addressed by a number of professionals from the Ministry. Majority of the lectures dealt with how to keep the environment safe. The ecology systems and the effect of climate change on water revenues in Iraq. The event also confirmed on the necessity of awareness and the review of how to deal with nature for enhancing the relation between humanity and earth in the context of development and restore ecology system's recovery of the earth and its safety. An exhibition was also held to sell ecofriendly bags to encourage the preservation of the environment.

### NENCID (Nepal)

The Nepal National Committee of ICID (NENCID) has informed that they have formed a new team of Executive Members during the Annual General meeting. Their contact coordinates are:

Mr. Rajendra Prasad Adhikari, Director-General, Deptt. of Irrigation, Water and Energy Commission Secretariat, Singha Durbar, Kathmandu, Nepal  
E-mail : rpadhikary1008@gmail.com.  
Fax # 0097715537169.

Mr. Madhukar Prasad Rajbhandari, Director-General, Department of Water Induced Disaster Management (DWIDM), Pulchowk, Lalitpur, Nepal.  
E-mail:madhukar\_64@hotmail.com,  
Fax # 0097715528528

Mr. Bashu Dev Lohanee  
Secretary, Nepal National Committee, ICID (NENCID), Deputy Director General, Department of Irrigation,

Jawalakhel Lalitpur, Nepal, E-mail: lohanibas@yahoo.com, Tel: +0977 1 5537310 (office)/ Fax. # 0097715537169

ICID fraternity extends its warm welcome to the new team.

### USCID (USA)

The U.S. National Committee on Irrigation and Drainage (USCID) will be organizing its 10th International Conference on Irrigation and Drainage on the theme "Finding the Balance – Improving Infrastructure, Water Management, and the Environment in a World with Limited Funding and Ample Regulations" from 24-27 October 2017 at Sacramento, California, USA.

The goal of this Conference is to assist water districts by providing tools and case studies to address this wide spectrum of issues while also identifying funding sources that districts can use to assist with their operations. Of special interest will be how these challenges are handled in different states and how can those lessons learned be shared. For more information, please visit <http://www.uscid.org/17caconf.html>

### Spain (CERYD)

The Spanish National Committee on Irrigation and Drainage (CERYD), together with Spanish Association of Irrigation and Drainage (AERYD) will organize its 35th Spanish National Congress during 6-9 June 2017 at Tarragona, Spain. For more information please visit to <http://www.aeryd.es/> and <http://www.congresorios-aeryd.org/>

## Forthcoming Events

### ICID Events

**23rd ICID Congress and 68th IEC, 8-14 October 2017, Mexico City, Mexico on the theme 'Modernizing Irrigation and Drainage for a new Green Revolution'.** Contact: Lic. Roberto Ramirez de la Parra, President, MXCID, E-mail:info@icid2017.org; info@mxcid.org; Website: www.icid2017.org

**8th Asian Regional Conference, 2-7 May 2018, Kathmandu, Nepal.** Contact: Mr. Bashu Dev Lohanee, Secretary, Nepal National Committee, ICID (NENCID),

Deputy Director General, Department of Irrigation, Email: lohanibas@yahoo.com, irrigation@wlink.com.np, Website: <http://nencid.org.np/>

**69th International Executive Council Meeting and International Conference, Saskatoon, Canada, 12-17 August 2018, Saskatoon, Canada.** For more details <http://www.icid2018.org>. Brochure at [http://www.icid.org/brochure\\_69iec.pdf](http://www.icid.org/brochure_69iec.pdf)

**9th International Micro Irrigation Conference, January 2019, Aurangabad, India.** Contact: Mr. Anuj Kanwal, Member Secretary, Indian National Committee on Surface Water (INCSW), Email: incid-cwc@nic.in, Website: <http://www.cwc.gov.in/main/INCID/welcome.html>

**70th IEC Meeting and 3rd World Irrigation Forum (WIF3), 2019, Indonesia.** Contact: Ir. Mohamad Hasan, President, Indonesian National Committee of ICID (INACID), Director General of Research and Development, Email: inacid\_indonesia@yahoo.co.id, mohasan53@yahoo.co.id

**71st IEC Meeting and 24th ICID Congress, 12 May to 18 May 2020, Sydney, Australia.** Contact: Mr. Bryan Ward, Chief Executive Officer, Irrigation's Australia Limited (IAL) (Incorporating IACID), Email: [Bryan.ward@irrigation.org.au](mailto:Bryan.ward@irrigation.org.au), Website: <http://www.irrigation.org.au>

**XVth World Water Congress "Bridging Science and Policy", 29 May - 02 June 2017 at Cancun, France.** For details, visit [www.worldwatercongress.com](http://www.worldwatercongress.com)

**International Training Workshop on Drip Irrigation and Fertigation, 25-29 September 2017 at Dicle University, Agricultural Faculty, Diyarbakir, Turkey.** For details, visit <http://www.dicle.edu.tr>

**GeoAfrica 2017 - 3rd African Regional Conference on Geosynthetics', 8-11 October 2017 at Marrakech, Morocco.** For details, visit <http://geoafrica2017.com>



## International Commission on Irrigation and Drainage (ICID)

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