Dear Colleagues,

On 24th June International Commission on Irrigation and Drainage celebrated its 67th Foundation Day by rededicating its new vision and mission. For last 67 years the network of experts from irrigation and drainage community expanding their approach to agriculture water management within various countries have found the occasion to organize national events such as seminars, lectures, annual meetings or simple get together to commemorate this day.

NCs can improve their profile within their countries by broad basing of their structure to include all stakeholders related to agriculture water management; through formalizing linkages with the relevant government departments and ministries; implementing proper information dissemination policy; and organizing at least one annual event to showcase their activities and provide platform for networking etc. The Foundation Day provides such an opportunity.

The Indian National Committee on Irrigation and Drainage (INCSW), in association with the Central Office organized an ICID Foundation Day Seminar on “Second Green Revolution: Role of Irrigation and Drainage”, while Korean National Committee on Irrigation and Drainage (KCID) organized a get together. In case your NC has celebrated Foundation Day, please share the information with our members.

The new ICID Vision 2030, “Water secure world free of poverty and hunger through sustainable rural development”, which aligns itself with the global development agenda, calls for multi-disciplinary approaches to deal with various development issues. It requires involvement of professionals from allied fields and stakeholder from various other disciplines related to agriculture water management in respective NCs and ICID activities.

The need for broadening the scope of outreach of the NCs cannot be overemphasized in the ever-expanding role that the NCs are expected to play within their countries to meet the water security, food security and rural development needs.

After adopting the new ICID Vision 2030, the Consultative Group is engaged in collecting views from various stakeholders, NCs and Working Groups to develop a Draft Action Plan. Various Task Forces are engaged in fine tuning the organizational structure. African Regional Working Group (AFRWG) is seeking views from NCs in the region on the possible expectations and requirements to enable them to support a green revolution in Africa. The NCs are invited to shape the future direction of ICID’s contributions by providing their views and inputs in this important exercise.

May I request NCs to send their suggestions by responding to the questionnaire send to them for their input?

The International Technical Advisory Committee (ITAC) of the 2nd World Irrigation Forum (WIF2) took stock of its preparations. On behalf of ITAC, I thank all our patrons who have submitted more than 200 full length papers. I encourage you to take advantage of the early bird registration.

Young professionals are being provided the opportunity to be part of the Forum by invitation to participate in the ICID Young Professional e-Forum (IYPeF). The most substantial contributors would be provided the opportunity to physically attend WIF2 and present their perspective. I am happy to inform you that the first discussion on “Education in irrigation and drainage sector”, has already started, in case your YPs are not part of this discussion, please inform them about this golden opportunity to join the discussion.

I take this opportunity to once again request you to share your activities with the entire agriculture water management fraternity through this NEWS Update.

Cordially yours’

Avinash C. Tyagi
Secretary General

Young AWM Professionals — Come, Join the e-Forum Discussions

ICID Working Group of Young Professionals has now been opened to all the Young Professionals interested in Agriculture Water Management (AWM) issues, by converting it into an ICID Young Professional e-Forum (IYPeF) as a LinkedIn Group.

IYPeF links the young irrigation and drainage professionals around the world and provides an opportunity for a meaningful and coordinated discussions on issues of interest to Young Professionals. The platform exchanges information related to the training opportunities, availability of scholarships and selected openings, for the Young Professionals.

As the 2nd World Irrigation Forum (WIF2) scheduled from 6-8 November 2016 in Chiang Mai, Thailand, draws closer, ICID is planning to start discussions in this e-Forum on certain topics to enable the young professionals to contribute to the discussions. Out of the active participants, best YPs will be selected for Scholarship to join WIF2 and 67th IEC meeting at Chiang Mai in November 2016 to present the outcome during the Side Event. The discussion on the e-Forum will take place on the following topics:

<table>
<thead>
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<th>No.</th>
<th>Topics</th>
<th>Period</th>
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<tr>
<td>1.</td>
<td>Role of Education in Irrigation and Drainage</td>
<td>15 July to 7 August 2016</td>
</tr>
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<td>2.</td>
<td>Role of Women in Irrigation and Drainage</td>
<td>25 July to 12 August 2016</td>
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<td>3.</td>
<td>Geospatial Technologies for Sustainable Irrigation and Drainage</td>
<td>15 August to 3 September 2016</td>
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In case you missed joining IYPeF Group on LinkedIn (https://www.linkedin.com/groups/6990321), don’t miss this last chance to join the discussion and meet us during WIF2 at Chiang Mai, Thailand.
ICID Vision 2030 with a new mandate of a “Water secure world free of poverty and hunger through sustainable rural development”; and the mission “Working together towards sustainable agriculture water management through inter-disciplinary approaches to economically viable, socially acceptable and environmentally sound irrigation, drainage and flood management” was adopted at the 66th IEC meeting in September 2015 in Montpellier. [http://www.icid.org/ag_iec_Annex_4B.pdf]

The Vision and mission are proposed to be achieved through six organizational goals as shown in the figure.

The Consultative Group (CG) is preparing an Action Plan for the Vision 2030 to achieve the identified goals as well as to facilitate the National Committees in meeting their national obligations in contributing towards the Sustainable Development Goals (SDGs), particularly those related to Agriculture Water Management (AWM). CG has developed a questionnaire to gather the information and inputs from the ICID National Committees, Technical Workbodies and other professionals to identify actions, needs to be undertaken to achieve the Organizational Goals.

The National Committees, Chairs of the Technical Workbodies and other professionals are invited to provide their input by sending their response to the Questionnaire available online (http://www.icid.org/vision_2030.html) latest by 16 August 2016. The Draft ICID Action Plan 2030 has to be presented at the 67th IEC meeting in November 2016 at Chiang Mai, Thailand.

Second Green Revolution: Role of Irrigation and Drainage

ICID Foundation Day Seminar on “Second Green Revolution: Role of Irrigation and Drainage” was organized on 24 June 2016 in association with the Indian National Committee on Surface Water (INCSW) - the Central Water Commission (CWC) under the Ministry of Water Resources in New Delhi. The objective of the Seminar was to gear up all the stakeholders for the Second Green Revolution by bringing them to a common understanding on its constituent elements.

More than 100 participants from academics, research institutes, decision making bodies, implementation agencies, embassy officials from member countries, international funding agencies, governmental and non-governmental organizations, experts from the field of policy, planning, research in agriculture, water management and irrigation and drainage were part of the seminar.

During the Inaugural Address of the seminar, Chief Guest Dr. Ramesh Chand, Member of NITI Aayog delivered a Keynote Speech on “Why a Second Green Revolution?” Dr. Amarjit Singh, Special Secretary, Ministry of Water Resources (MoWR, RD & GR) was the Guest of Honour and delivered a Keynote Address on “Role of Irrigation and Drainage in the Second Green Revolution”.

The ‘Welcome Address’ was made by Er. G.S. Jha, Chairman, Central Water Commission & Indian National Committee on Surface Water (INCSW) and Er. Avinash C. Tyagi, Secretary General of ICID introduced ‘What Did We Miss in the First Green Revolution?’

In addition, Padma Bhushan Dr. R.B. Singh, Chancellor of Central Agricultural University (CAU) made presentations on ‘Not So Green Patches of First Green Revolution’; Er. Pradeep Kumar, Chief Engineer (CWC) discussed the ‘Role of Water Management in the Second Green Revolution’; Dr. A.K. Sikka, Principal Researcher IWMI explored ‘Powering Second Green Revolution through Emerging Technologies’; and Mr. Sanjay Vuppuluri, Vice President of Yes Bank Ltd. cast light on ‘Financing Options for Second Green Revolution’.

The discussion on the ‘Way Forward’ was moderated by Secretary General Er. Avinash Tyagi, with Er. G.S. Jha, Chairman, CWC/INCSW; Mr. Shyam Khadka, FAO (New Delhi); Padma Bhushan Dr. R.B. Singh; Dr. A.K. Sikka, IWMI; and Mr. Sanjay Vuppuluri, Yes Bank. For more information and presentations made during the seminar, please visit http://www.icid.org/icid_day.html
The second World Irrigation Forum (WIF2), together with the 67th International Executive Council (IEC) Meeting will be hosted by the Thai National Committee on Irrigation and Drainage (THAICID) during 6-12 November 2016 in the beautiful city of Chiang Mai in Thailand.

The main theme of the Forum is “Water management in a changing world: Role of Irrigation in Sustainable Food Production” and three sub-themes are: (1) Key issues of irrigation and drainage in balancing water, food, energy and ecology; (2) Management of climatic extremes with focus on floods and droughts; and (3) Key and smart actions to alleviate hunger and poverty through irrigation and drainage in the Forum.

Keynotes Speakers
- Mr. Jeremy Bird, Director General, IWMI
- Mr. Bambang Susantono, Vice-President, ADB (tbc)
- Dr. Peter McCormick, Executive Director (Designate), DWF
- Ms. Kundhavi Kadiresan, Assistant Director General, FAO

List of Side Events (tentative)
1. Role of Women in Irrigation and Drainage (GWP-SAS, ADB, IWMI, WIWP)
2. GeoSmart Technologies for Sustainable Irrigation and Drainage (GeoSpatial India, FAO, WFI)
3. Agricultural Water Management for Sustainable Rural Development (AARDO, KRC)
4. Key and Smart Technologies for Irrigation and Drainage to Reduce Poverty and Hunger (WFI)
5. Education and Training in Irrigation and Drainage (Unesco-IHE, ADB)
6. New Developments in Irrigation and Modernization (IWMI)
7. Solar Energy in Irrigation and Drainage (KRC, CECID)
8. Water Productivity Assessment for Improved Irrigation Performance and Water Security (ADB)
9. History of Irrigation and Drainage around the World (CNCID, JNCEID)
10. Building Farm Level Capacities in Irrigation Water Management to Adapt to Climate Change (ClimaAdapt)

Sustainable Management of Water Resources for Agriculture and Food Security

A three-day 2016 Asia Pacific Agricultural Policy (APAP) Roundtable meeting from 20-22 April 2016 at Beijing, China, on the theme “Sustainable Management of Water Resources for Agriculture and Food Security” was hosted by the Korea FAO Association in collaboration with the Regional Office of the African-Asian Rural Development Organization (AARDO) for Far East, Renmin University of China, and Global Agricultural Policy Institute. About 47 experts from 15 countries and 10 international organizations, from China, India, FAO, and UNCCD attended the meeting and exchanged cross-sectoral knowledge and expertise amongst each other.

Dr. Lee, Sang Mu, Chairman of APAP Forum and President of Korea Rural Community Corporation (KRC) emphasized the national level governments who are responsible for environment by ensuring coordinated policy development sectors, considering the impacts of climate change and strengthened governance and coordinated at the regional level policies, which contributed to resolve transboundary water issues. Mr. Chen, Xi
Dr. Ryu, Ki Hee, Professor of Seoul National University emphasized the implementation of Sustainable Development Goal (SDG) on availability and sustainable management of water and sanitations. Dr. Ganesh Thapa from International Centre for Integrated Mountain Development (ICIMOD) highlighted the small scale irrigation, which could be used to enhance productivity, market access, product diversification, participatory irrigation management and resilience to climate change in Asia and the Pacific. Dr. J. S. Samra, Former CEO of National Rainfed Area Authority, India highlighted the importance of smallholder irrigation based on groundwater and small surface water storage structures to ensure sustainability in water resource management.

During the discussions at the Forum, participants agreed upon the necessity of establishing an integrated mid-long term water resource management framework at the national and international level to enable collaborative efforts for dealing with multi-dynamic water issues and also stressed the benefits of the water pricing policies and water trade mechanisms. In addition, Public Private Partnership was recommended as an effective tool for achieving sustainable water managements.

In the Roundtable meeting of the Forum, the Regional cross-sectoral policy dialogue on Forests for Water and Sustainable Agriculture was organized with a view to raise awareness on the links between forests and food security, through understanding the role of forests in water and sustainable agriculture. Please access http://www.fao.org/forestry/food-security/91549/en/ for more information of the event.

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**Are we ready to support an African Green Revolution?**

Every year, the African Green Revolution Forum (AGRF) <http://www.agrforum.com/> organises a meeting of the African leaders to work towards an African Green Revolution. The Forum is focused on promoting investments and policy support for driving agricultural productivity and income growth for African farmers in an environmentally sustainable way.

The African Regional Working Group (AFRWG) of ICID during the 4th African Regional Conference on Irrigation and Drainage (ARCID4) from 26-28 April 2016 at Aswan, Egypt, decided to lend support in the area of Agriculture Water Management and preparing a position paper on Green Revolution in Africa. A Questionnaire was circulated among National Committee members who were requested to send their response to the questionnaire to form as input for the preparation of the Position Paper.

The National Committees in Africa and members of the African Regional Working Group of ICID are invited to provide their inputs by sending their response to the Questionnaire on the topic “Are we ready to support an African Green Revolution?” [http://www.icid.org/african_gr.pdf] latest by 15 August 2016 addressing the following questions from their national perspective:

1. What were the achievements of the First Green Revolution (~1960-1990) in the country?
2. Why did the country miss out, if so, on the First Green Revolution?
3. What should be the mission and objectives of the African Green Revolution in your country?
4. What are the main challenges that may inhibit the African Green Revolution?
5. What are the three most important components of the African Green Revolution?
6. What tools would be most relevant for the African Green Revolution?
7. Is your country equipped with the required AWM tools for the African Green Revolution?
8. If not, what in your opinion are the capacity gaps that need to be addressed for supporting the African Green Revolution?

The responses will help the WG prepare draft of an ICID position paper, which will be discussed during the next meeting of AFRWG at Chiang Mai, Thailand in November 2016. For more information, please visit <http://www.icid.org/second_g_revolution.html>, the ICID web page on Second Green Revolution.

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**Enhancing Resilience to Drought Events on the African Continent**

A five day African Drought Conference on theme “Enhancing Resilience to Drought Events on the African Continent” will be organized by Ministry of Environment and Tourism, Republic of Namibia from 15-19 August 2016 at Windhoek Country Club Hotel and Resort, Windhoek, Namibia. The conference will focus on identifying the specific needs of African countries in the area of effective drought mitigation, with a view to developing a strategic framework for enhancing resilience to drought events on the African continent.

The objective of the conference is to come up with an overarching strategic framework for Africa which will enhance resilience to the impact of drought events. The objectives of the conference are:

(a) Focus regional and international attention on the issue of enhancing resilience to drought events; (b) to identify needs and shortcomings as well as good practices in the area of enhancing resilience to drought events; (c) to encourage African countries to develop their short, medium and long-term drought mitigation and adaptation measures/interventions and plans; (d) to move towards a strategic framework for drought management and enhancing resilience to drought events at the African level; and (e) to strengthen partnerships and cooperation for enhanced drought resilience.

For more information, please access http://www.unccid.int/en/media-center/MediaNews/ Pages/highlightdetail.aspx?HighlightID=445

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**Congratulation to Dr. Mahmoud Abu-Zeid**

Dr. Mahmoud Abu-Zeid (Egypt), Vice President Hon. ICID and President of the Arab Water Council, former Minister of Water Resources and Irrigation of Egypt, was elected as Deputy Chairman of the UNESCO International Hydrological Program (IHP) for the Arab Region [http://www.arabwatercouncil.org/index.php?option=com_content&view=article&id=410:abu-zeid-elected-as-deputy-chairman-of-unesco-ihp-program-2&catid=60:news-events&Itemid=354&lang=en]. The election held on the occasion of the 22nd Session of the IHP Intergovernmental Council in Paris during the period 13-17 June 2016. ICID fraternity extends its heartiest congratulations to Dr. Mahmoud Abu-Zeid.
**Stockholm Water Week 2016: Water for Sustainable Growth**


**Young Professional’s Day**

On 30th August 2016, the World Water Week will open its doors to young enthusiasts between 16 years to 35 years who will get free access to the Young Professionals activities. The theme of the Day is “Future Leaders” and three seminars which will centre on inspiring and encourage young professionals to building their careers in water. The day will focus on how to get and stay involved in this process as a Young professional, and be a part of the solution moving forward. A detailed information on Young Professionals’ Day is available at http://www.worldwaterweek.org/programme/#Young-Professionals-Day

**Stockholm Water Prize Laureate**

Professor Joan Rose (USA) is named the 2016 Stockholm Water Prize Laureate (http://www.siwi.org/prizes/stockholmwatprize/laureates/2016-2/)

**Water and Jobs: WWD Report**


WWAP Coordinator Stefan Uhlenbrook delivering the WWDR 2016 Technical Presentation

Mr. Stefan Uhlenbrook, Coordinator of the World Water Assessment Programme (WWAP) provided the main contents of the World Water Development Report 2016 on ‘Water and Jobs’. The following remarkable highlights were made by Mr. Uhlenbrook, underlined the relevance of the Report and needed to achieve water-related targets:

- 3 out of 4 jobs globally depend on water, therefore water scarcity limits economic growth and employment opportunities.
- Water scarcity and unreliable supply threaten the existence and growth potential of decent jobs in water-dependent sectors.
- Efforts to adapt to increasing water stress need to be increased, to avoid dramatic consequences for local employment, trade and migration.

During the session discussion, moderated by Mrs. Schlegel, the participants underlined the inseparable link between water and all sectors as core of the SDG Agenda and stressed the need for a ‘Blue Economic Revolution’; a change in water paradigm at the level of political leadership to reduce water use in all sectors and increase productivity/efficiency. Mr. Waughray stressed that economic resilience and water security are closely linked: Any disturbance in water availability may shock the economic system and slow down or even stop economic growth. He concluded that WEF will use the WWDR 2016 serving as feed into the High level panel for water recently established by the World Bank, the UN and WEF. The United Nations World Water Development Report 2016 which is available at http://unesdoc.unesco.org/images/0024/002439/243938e.pdf for more information.

**Geo-Measurement, Field Investigation, and Monitoring**

A three-day International Conference on Research and Technology Development for Sustainable Water Resources Management (REDWARM) will be organized by the National Water Research Centre (NWRC) in collaboration with the Ministry of Water Resources and Irrigation (MWRI) from 4-6 December 2016 at Cairo, Egypt. The main theme of the Conference is ‘Geo-Measurement, Field Investigation, and Monitoring’ and sub-themes covered are: (i) New Materials, Water Structures, and Machinery; (ii) Renewable Energy Utilization/ Generation; (iii) Control, Automation, and Distribution Schemes; and (iv) Water Saving, Treatment and Pollution Control. Besides, Special Sessions, Workshops and Exhibition will also be held during the conference.

The conference will provide a platform for researchers, academicians and practitioners engaged in research, applied water technology, and water resources planning and management to share knowledge, experience, good practices, and research results. This event will offer an opportunity to catalyze and promote the use of advanced water technology to restore, protect and ensure sustainable management of scarce water resources. A ‘Call for Papers’ is available at http://www.redwarm2016-eg.org/Announcement.pdf Please contact: Eng. Mir Mokhtar, Coordinator of Organizing Committee (E-mail: eng.mirmokhtar@gmail.com) and Conference website: http://www.redwarm2016-eg.org
The XVIIth World Water Congress “Bridging Science and Policy” to be held in Cancun, Mexico, from 29 May – 2 June 2017, is jointly organized by the International Water Resources Association (IWRA), the National Water Commission of Mexico (CONAGUA) and the National Association of Water and Sanitation Utilities (ANEAS).

The International Scientific Committee (ISC) welcomes papers for oral and posters sessions, as well as special sessions and side events that aim to incorporate science and policy for the water challenges facing our world. Experts, academics, water professionals, and stakeholders from all disciplines – including science, policy, economics, management, and governance – who wish to present their work and research during the Congress must submit an abstract from 16 March to 1 September 2016.

Submissions are made through the Congress website <http://www.worldwatercongress.com>.

The deadlines for submissions are:
- Deadline for abstract & special session submission — 1 September 2016:
- Deadline to submit Side Event proposals — 1 November 2016

Registration for the Congress will open in September 2016. For more information, contact: IWRA Executive Office, Rue Salvador Allende, 92027 Nanterre, France, Email: office@iwra.org; Website: www.iwra.org

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**News from ICID National Committees**

**ABID (Brazil)**

The Brazilian National Committee of ICID (ABID) will be organizing its XXVI National Congress on Irrigation and Drainage (CONIRD), from 21-25 November 2016 at Aracaju, Brasilia. Please contact: Ing. Helvecio Mattana Saturnino, President, ABID, E-mail: abid.agriculturairrigada@gmail.com; abid.conird@gmail.com and Website: www.abid.org.br

**MANCID (Malaysia)**

21st MANCID Annual Conference (MANCO) on the theme “Modernizing Irrigation and Drainage for a New Green Revolution” will be held from 9-11 October 2016 at Terengganu, Malaysia. The theme will cover the interaction between balancing water, food, energy and ecology; coping with climate extremes and identification of smart actions required to use it as a tool for alleviating hunger and poverty. For more information of the conference, please access http://mancid.org.my/?mod=news&task=readmore&id=473E

**SANCID (South Africa)**

A three-day Symposium on the theme “Sustainable irrigation water management and drainage for food production: Vision 2030” will be organized by South African National Committee on Irrigation and Drainage (SANCID) from 11-13 October 2016 at Goudini Spa ATKV Holidays Resort, Worcester, South Africa. For more information, please contact: Ms. Puleng Mofokeng (E-mail: PulengM@daf.gov.za), Website : http://www.sancid.org.za

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**USCID (USA)**

The U.S. National Committee on Irrigation and Drainage (USCID) will be organizing its 9th International Conference on Irrigation and Drainage titled “Improving Irrigation Water Management - Latest Methods in Evapotranspiration and Supporting Technologies” from 11-14 October 2016 at Fort Collins, Colorado, USA. Detailed information related to the Conference is available at http://www.uscid.org/16coconf.html

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**Forthcoming Events**

**ICID Events**

- **2nd World Irrigation Forum (WIF2) and 67th IEC**, 6-12 November 2016, Chiang Mai, Thailand on the theme ‘Water management in a changing world: Role of Irrigation for sustainable food production’.
  E-mail: thaiicid@hotmail.com; info@worldirrigationforum.net; Website: http://www.worldirrigationforum.net

- **13th International Drainage Workshop (IDW)**, 4-7 March 2017, Ahwaz City, Iran on the theme ‘Drainage and Environmental Sustainability’. Contact: Dr. S.A. Assadollahi, Secretary General, Iranian National Committee on Irrigation and Drainage (IRNCD), E-mail: 13idw2017@gmail.com Website: http://www.idw13.org/English/

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**Other 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: Dr. Luis Rendón Pimentel, President of MXCID, E-mail:info@icid2017.org; info@mxcid.org; Website: www.icid2017.org


- **19th International River Symposium: Green Rivers of the World: Management for Shared Benefits**, 12-14 September 2016 at New Delhi, India. For details, visit http://riversymposium.com/

- **2016 PAWEES International Conference on the main theme “Sustainable Paddy Water Management in Water-Energy-Food Nexus”, 20-21 October 2016 at Younsung Hotel, Daejeon City, Republic of Korea**. For details, visit http://pawees.net/

- **Budapest Water Summit 2016, 28-30 December 2016 at Budapest, Germany**. For details, visit http://www.budapestwatersummit.hu/

- **International Conference on Climate Change, Water, Agriculture and Food Security (ICCCWAFS2016), 2-3 November 2016 at ICRISAT, Hyderabad, Andhra Pradesh, India**. For details, visit www.tswalamtari.org