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INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

Managing Water for Sustainable Agriculture

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AT A GLANCE
The International Commission on Irrigation and Drainage (ICID) is a leading scientific, technical, and professional not-for-profit international organization working in the field of irrigation, drainage, and flood management to promote and achieve ‘sustainable agriculture water management.’

As a knowledge sharing platform, we are dedicated towards improving the status of agricultural water management practices including rain-fed agriculture, supplemental irrigation, deficit irrigation and full irrigation. Our other core activities focus on drainage of agricultural lands and the management of extreme climate events such as flood and droughts.

Membership of the Commission consists of National Committees (NCs) who represent their countries and are organized under the departments responsible for irrigation, drainage or agricultural water management. NCs generally include multi-disciplinary professionals such as planners and policy makers; water managers; irrigation and agriculture engineers; research scientists and educationists working in the related areas. Companies, institutions, and individuals can also participate in ICID activities through their respective NCs or as Direct Members (DM). Presently, ICID membership network covers over 90% of the irrigated area of the world.

ICID brings together various stakeholders and experts from various disciplines on an international platform to deliberate on technical, agronomic, socio-economic, environmental and managerial complexities for the development, management and operation of irrigation, drainage and flood management works. The aim is to attain sustainable agriculture water management through exchange of experiences, ideas, good practices and promoting them widely among the member countries and stakeholders. As a knowledge hub, ICID through its technical working groups generates knowledge by compiling and collating research data and disseminating them to all stakeholders through various channels.
Governing structure of ICID consists of the President, nine Vice Presidents and a Secretary General. The President and the Vice Presidents are elected for a term of three years with one-third of the VPs (three) changing every year. The Secretary General who is the Chief Executive Officer of the Commission is appointed on a full-time basis for a specified tenure. The affairs of the Commission are conducted under the overall supervision of the International Executive Council (IEC) - the General Body - comprising representatives from all NCs. In between meetings of IEC, the Council delegates the management of the Commission to a Management Board (MB). The Secretary General executes the decisions of IEC and MB and manages the operations of the Central Office located in New Delhi, India which acts as its headquarters.

Key Focus Areas

ICID draws together a pool of more than 500 eminent professionals/experts from varied disciplines involved in the development, planning, design, operation and management of irrigation, drainage and flood management works from all over the world. These professionals through technical and strategic working groups/workbodies address many topics and provide assistance to bring out various publications, reports and manuals on specialized topics. Though the topics addressed by the workbodies change over the time, the following list outline the current domain of activities:

- Modernization and revitalization of irrigation schemes
- Sustainable on-farm irrigation system development
- Water saving in agriculture
- Role of irrigation in rural development
- Environmental impacts of irrigation and drainage
- Global climate change and agriculture water management
- Use of poor quality water for irrigation
- Sustainable agricultural drainage
- Managing water scarcity under conflicting demands
- Institutional aspects of irrigation
- Capacity development
- Regional issues of irrigated agriculture
- Sustainable development of tidal areas
- Comprehensive approaches to flood management
- Bio-fuel and food
- History of irrigation, drainage and flood control

In addition, issues related to specific regions are addressed by regional working groups representing Africa, Asia, America, and Europe. To address specific issues Task Force (TF) is also established from time-to-time to undertake a specific activity and complete it within the stipulated time.

Knowledge and Information Exchange

Various technical working groups organize meetings on the key focus areas as part of their Annual Meeting. Additionally, ICID organizes triennial World Irrigation and Drainage Congress and World Irrigation Forum. Regional Conferences, Micro Irrigation Conferences and Drainage Workshops are also organized to address and discuss issues of global/regional importance.

ICID brings out a peer-reviewed research journal ‘Irrigation and Drainage’ made available to all NCs and DMs on a complimentary basis. The Commission over six decades through the rich experience of its members has developed a robust knowledge base by bringing out many special publications, position papers and proceedings which can be accessed by its members free of cost.

ICID publications that include quarterly ICID News, monthly News Update and weekly e-Bulletin helps to disseminate information and knowledge among the members and keep them abreast with the latest information. ICID Website (http://www.icid.org) helps in knowledge management process through Integrated Library Management System (ILMS), which provides an easy access to all available ICID resources. Besides the website also provides information on NCs, membership, workbody activities, publications, database, awards, webinars, and upcoming ICID events, etc.
Launched ICID Webinar Service as part of Knowledge Management

World Irrigation Forum (WIF) a triennial multi-disciplinary forum to engage experts from various disciplines for sharing and learning

N.D. Gulhati Memorial Lecture delivered by eminent experts during the triennial Congress for international cooperation

Promotion of multi-disciplinary engagement for sustainable solution to water management in agriculture

Encouraging Young Professionals to take up career in agriculture water management by sponsoring their participation in ICID activities/events and provide support for their capacity development

Established ICID Young Professional’s e-Forum (IYPeF) as a LinkedIn Group (https://www.linkedin.com/groups/6990321) with 320+ members to provide a dynamic platform to all Young Professionals to participate and discuss issues pertaining to Agriculture Water Management

Products and Services Directory in Irrigation and Drainage sector provides a platform to manufactures/consultants and experts to exhibit their services and expertise.

ICID partners with UN-Water and has close affiliation/liaison with UN Agencies like FAO, IFAD, UNEP, UNESCO, WHO, WMO, and other international professional organizations like ADB, AWC, GWP, ICARDA, ICOLD, ICRISAT, IFPRI, IGS, IHA, IUCN, IWRA, IWMI, ISO, AARDO, WWF, World Bank, etc. with an aim to bring together various stakeholders for sustainable agriculture water management.

ICID actively contributes to various global dialogues and initiatives such as the World Water Fora, World Water Development Reports, etc. to ensure that agriculture water management practices are undertaken within the overall framework of integrated water resources management to achieve the overall aim of sustainable development aligning with the UN Sustainable Development Goals.

World Irrigation and Drainage Prize (WID Prize) for lifetime achievement in the irrigation and drainage sector

Water Saving (WatSave) Awards presented annually for outstanding contributions in four categories: Technology, Management, Young Professionals, and Farmers

Recognition to Heritage Irrigation Structures (HIS) and their inclusion in ICID Register of HIS

Recognition to World Water System Heritage (WSH) as part of WWC Members Initiative

Best Paper Award presented annually to recognize the outstanding research paper contributed to ICID Journal ‘Irrigation and Drainage’

ICID is a widely recognized international organization with rich experience of irrigation and drainage sector. It provides an international platform for its members including individuals as well as private organizations to play a vital role in determining strategies in the field of irrigation and drainage. Members are provided free access to all ICID publications, reports, proceedings, ICID Journal, Annual Reports and special thematic publications. Members also get an opportunity to participate in the key annual events, Triennial Congresses, World Irrigation Forum, Regional Conferences, Micro Irrigation Conference, International drainage workshops providing an excellent platform for interaction and networking with added benefit of discount in registration process. Members also get an opportunity to participate in training programs and webinars. Additionally, ICID also explores financial assistance from donor organizations for delegates from developing countries to participate in ICID events.

We welcome and invite professionals from all countries, disciplines, institutions and private organizations/companies to join our network and contribute to its activities in pursuit of shared mission especially in attaining the goal of sustainable irrigated agriculture in the coming decades.

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