ICID was established on 24 June 1950

Role of Irrigation

Irrigation was the Cradle where High Yield Variety seeds and fertilizer consumption thrived bringing about the GREEN REVOLUTION in Indian Agriculture.

- Svendsen and Gulati
Launched new website aimed at enhancing its user friendliness and improving its utility for the experienced as well as the newly initiated visitors.

Key features include:
- Basic Information: Irrigation, Drainage, Flood Management, Climate Change and Irrigation Systems, Drought Management, etc.
- Resources: Provides links to open source tools available in irrigation and drainage sector.
- Members only section for exclusive use by Office Bearers, National Committee members and workbody members.

Social Media
- Social media are tools through which members of various groups interact freely, sharing and discussing information using a multimedia mix of words, pictures, videos and audio. Social media users can now find the latest news on ICID through Facebook, YouTube, LinkedIn. Follow ICID at –
  - Facebook: http://www.facebook.com/icidat
  - YouTube: http://www.youtube.com/icidonline
  - LinkedIn: Agricultural Drainage Group http://www.linkedin.com/groups/Agricultural-Drainage-2945229
  - Slide Share: http://www.slideshare.net/icidcld
- Members are requested to actively participate in the ICID social media to disseminate knowledge.

Working with Partners
- UN-WATER
- ADB
- FAO
- GWP
- WWAP
- ICOLD
- IFAD
- ICRISAT
- WMO
- AWC
- UNESCO-IHE
- IFPRI
- WWC
- ICARDA
- IWMI
- World Bank
- IWALC
- UN-Water DPC
- ISD
- WORLD BANK

Recent Initiatives
- Direct Membership
  - Direct Members participate in ICID activities. A special section was covered in ICID Annual Report.
- World Irrigation Forum
  - Brought out a Summary Report and Integrated Summary Report
- World Irrigation and Drainage Prize: Established Prize and presented the first World Irrigation and Drainage Prize 2013 to Prof. Victor A. Dukhovnya (Uzbekistan)
- Heritage Irrigation Structures (HIS): Prepare a “ICID Register of Heritage Irrigation Structures”
- Knowledge Management: e-learning, e-Publications, web version of Multilingual Technical Dictionary (MTD), and Digitization of old publications
- Enhancing participation of Young Professionals in ICID Activities
Direct Membership

- **Companies**
  - **TYPE A**: With Annual Turnover up to 1 million US$ pa
  - **TYPE B**: With Annual Turnover between 1 to 10 million US$ pa
  - **TYPE C**: With Annual Turnover above 10 million US$ pa
- **Institutions**
  - **TYPE a**: With 1-50 staff
  - **TYPE b**: With 50 and above staff
- **Individuals**
  - Young Professional (below 40)
  - Retiree (above 65)
  - Normal (others)

To bring together representatives of all stakeholders involved in irrigation of all types and at all scales under the umbrella of World Irrigation Forum (WIF).

The First World Irrigation Forum (WF-1) was held in Mardin, Turkey on 29 September 2013.

Recognition to heritage irrigation structures

- ICID will recognize the historical irrigation structures on the lines of World Heritage Sites by UNESCO. The main objectives of this initiative are to – (i) select and collect information on historical irrigation structures from around the world, understand their significant achievements and gather knowledge about the unique features that have sustained the project for such a long period; (ii) learn the philosophy and wisdom on sustainable irrigation from these structures, and (iii) protect/preserve these historical irrigation structures.
- The structure with relevant details shall be included in an “ICID World List of Heritage Irrigation Structures” and a “Heritage Irrigation Structure Plaque” shall be awarded to the authorities.

Register on ICID Website
Managing the knowledge process is the key to the success of any professional network.

The various technical Working Groups of ICID, through their activities help extract, compile, and synthesize this knowledge.

ICID has taken initiative to upgrade some of the existing services and introduced few new technologies to meet the requirement:

- New ICID Website
- Integrated Library Management System (ILMS)
- Digitization: e-Publications, e-Learning:
- Virtual Communication Tools: Web and Tele-conferencing

Proposed Yellow pages (Product and Services Directory)

- Working on building an online database for
  - Consultancy Organizations;
  - Educational / Research Institutions; and
  - Manufacturers/ Dealers
- Data collection through ICID website with an administrative right to accept/reject entry
- Online Directory will have search option through listed/entered products/services, country and company etc.
- Consultancy organizations, Manufacturers/ Dealers can display their products/services
- Option to insert Free Banner advertisement for our Direct Members in their respective areas of specialization.

66th IEC and 26th European Regional Conference, Montpellier, France, 11-16 October 2015

67th IEC and 2nd World Irrigation Forum, Chiang Mai, Thailand, November 2016

13th International Drainage Workshop (IDW), March 2017, Ahvaz City, Iran, Theme: Drainage and Environmental Sustainability.

PART II
The Millennium Development Goals

1. Eradicate extreme poverty and hunger
2. Achieve universal primary education
3. Promote gender equality and empower women
4. Reduce child mortality
5. Improve maternal health
6. Combat HIV/AIDS, malaria, and other diseases
7. Ensure environmental sustainability
8. Build partnerships for development

Continuing Challenges

- Social goals remain in jeopardy
- Hunger remains a potential threat to world peace
- Half of developing world population still lack improved sanitation
- One quarter of children in developing countries undernourished
- Maternal mortality still too high (1 million mothers die every year at childbirth)
- Over one third live in urban slums
- And on and on.

2002: World Summit on Sustainable Development (WSSD)

2012: RIO+20 United Nations Conference on Sustainable Development

2015: UN SUMMIT on post-2015 development agenda

The Age of Hyperchange

- Our world is transforming around us quickly.
- Entire new industries and technologies are now regular parts of our lives.
- Technology, globalization, and limiting natural resources are changing the way we make decisions.
- We can ignore them at our own risk.
World agriculture faces an enormous challenge over the next 40 years to produce almost 50% more food up to 2030 and double the food production by 2050.

Key challenges
- Increasing population and urbanization
- Changing diets
- Rapidly growing water demand from industrial/energy and domestic sectors
- Increasing area under bio-energy crops
- Climate change impacts
- Increasing fresh water scarcity

The new development framework
- Building the future we want, the outcome document of Rio+20 reaffirmed the international commitment to accelerate the achievement of the internationally agreed development goals, including the MDG by 2015 and set the agenda for future.
- The process to develop the SDGs was coordinated by a Open Working Group established by General Assembly to consider the post-2015 development agenda.
- The United Nations Summit to adopt the post-2015 development agenda will take place from 25-27 September in New York later this year.

Global freshwater use: projections

Proposed Sustainable Development Goals
1. End poverty in all its forms everywhere
2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture
3. Ensure healthy lives and promote well-being for all at all ages
4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
5. Achieve gender equality and empower all women and girls
6. Ensure availability and sustainable management of water and sanitation for all
7. Ensure access to affordable, reliable, sustainable and modern energy for all
8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.
Proposed Sustainable Development Goals

10. Reduce inequalities within and among countries
11. Make cities and human settlements inclusive, safe, resilient and sustainable
12. Ensure sustainable consumption and production patterns
13. Take urgent action to combat climate change and its impacts
14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development
15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels
17. Strengthen the means of implementation and revitalize the global partnership for sustainable development.

Some Questions?

I. What role ICID can play globally in meeting water and food security challenges for sustainable development?
II. What should be the area of focus of ICID activities?
III. What are WG members’ expectations from ICID?
IV. How can ICID be of more help to Indian National Committee, being headquartered in New Delhi?

Questions developed by ICID Consultative Group.
This questionnaire is the means to engage all the stakeholders in the Vision 2030 Exercise right from the outset. It is your opportunity to shape the way ICID, as a network, should serve its members in the future.