Dear Colleagues,

This year ICID has planned two major events – the 5th Regional African Conference and the 24th ICID Congress. The Moroccan National Committee on Irrigation and Drainage (ANAFIDE) of ICID will be organizing the Regional African Conference at Marrakech, Morocco in March 2020 with side events in collaboration with the French National Committee on Irrigation and Drainage (AFEID) on the theme “Role of irrigation management and hydraulic works companies in improving the resilience of agriculture in Africa.” I believe, the private sector plays a major role in all irrigation and drainage projects around the world and it should be recognized at all ICID events. Besides technical sessions there will also be a training program for African Young Professionals.

The upcoming 24th ICID Congress and the 71st International Executive Committee meeting will be held in Sydney, Australia in September 2020. The on-going bush-fire crisis in Australia should alert all of us about the impact that long-term droughts can have on the national economy and local communities. ICID and its stakeholders have worked on such extreme events for a long time and therefore it is quite appropriate that they gather in Sydney to exchange knowledge and experiences of managing both floods and droughts. As a knowledge group, all ICID national committees and stakeholders will have an opportunity to take home valuable lessons.

ICID Central Office hosted several visitors this month, most notably H.E. Dr. Ron Malka, Ambassador of Israel to India and Sri Lanka, and Mr. Dan Alluf, Counsellor, International Development Cooperation (Mashav) Science and Agriculture to discuss a variety of issues of common interest to ICID and the Government of Israel. As we all know, Israel has done a remarkable job on agricultural water management over the last several decades which would be of much interest to ICID stakeholders.

Other visitors included Dr. Michael S. Dodson from Indiana University, USA who is working on a publication about the late architect Mr. Shivnath Prasad credited with the designing of original ICID building. With our on-going 70th year celebrations, it would be quite nostalgic to learn about the architectural aspects of original ICID building and the man behind it. Dr. Michael S. Dodson visited the ICID central office to view the architectural aspects of the office building at present after successive modifications over the last several decades. During the visit, he also gathered information and some old pictures of the building for the publication. Mr. Umashankar Pandey, a water activist from a semi-arid part of Central India, also came to ICID to showcase his 20-year successful campaign on transforming a water-deficit village into a water-surplus one using simple traditional techniques of bund construction around the farm to retain water. ICID’s water heritage programs are also in line with such approaches of water management in agriculture.

In closing, I would like to remind that we are now inviting nominations for ICID WatSave Awards and World Heritage Irrigation Structures from all national committees and innovators. These will be given in our Sydney events.

Once again, a VERY HAPPY NEW YEAR to YOU ALL!

Ashwin B. Pandya
Secretary General, ICID
H.E. Dr. Ron Malka, Ambassador of Israel to India and Sri Lanka, and Mr. Dan Alluf, Counsellor, International Development Cooperation (Mashav) Science and Agriculture paid a visit to the International Commission on Irrigation and Drainage (ICID) Central Office on 15th January 2020. They had wide-ranging discussions with the Secretary-General Er. Ashwin B. Pandya, Er. B.A. Chivate, Director (Technical), and Mr. Madhu Mohanan, Communication Officer.

Secretary-General Pandya welcomed Dr. Malka and his team and gave a brief presentation on the various activities of ICID. The presentation highlighted the important role of Israel as a member of ICID since the inception of ICID in 1950. Dr. Malka expressed keen interest in the activities of ICID, particularly on capacity development initiatives, and discussed similar activities in Israel executed through the International Development Cooperation (Mashav) Science and Agriculture. Dr. Malka offered his heartfelt congratulations and good wishes for the celebration of the 70th anniversary of ICID. He also expressed his appreciation for ICID’s role in promoting global collaboration in irrigation and drainage to achieve a water-secure world free of poverty and hunger. He promised his full support to reactivate Israel’s ICID membership.

Marking the 70th Anniversary Celebrations of ICID’s constitution, renowned historian Dr. Michael S. Dodson will be releasing a publication on Er. Shivnath Prasad, the architect of ICID’s central office. Mr. Prasad was a renowned architect and designed four prominent buildings in India.

Er. Shivnath Prasad was born in Lucknow, Uttar Pradesh, India in 1922. He graduated in architecture from the Edinburgh College of Art in 1946 and obtained a Diploma in City Planning in 1947. He was an architect and town planner in England before returning to India in 1955. In 1962, he resigned from the Town and Country Planning Organization, Government of India as technical head to get back to architecture. The buildings he designed in Delhi had a modern look and he came to be known as the Le Corbusier of India.

The other three of his designed Indian structures include Shri Ram Centre for Art and Culture, Akbar Hotel, Tibet House and The Institute of Chartered Accountants of India, all located in the capital city.

Mr. Prasad taught at several American universities. He served as a Thomas Jefferson Professor at the University of Virginia and Professor of Architecture at the University of Illinois at Urbana Champaign. He breathed his last in the early 2000s.

About the author: Dr. Michael S. Dodson is a historian of South Asia, focusing particularly upon the intellectual and cultural history of the nineteenth and twentieth centuries, with a special interest in urbanism and architecture. He is currently finishing a monograph on the urban history of northern India that focuses on the transformation of cityscapes under local municipal governance ca. 1880-1920. He is also working on visual history of New Delhi in the 1960s and 70s as well as a general history of South Asia for Oxford University Press. Additionally, he is also the Director of Dhar India Studies Program in the USA while serving as the Associate Professor in the Department of History, Indiana University (USA).

Dr. Michael S. Dodson visited the ICID central office to view the architectural aspects of the office building at present after successive modifications over the last several decades. During the visit, he also gathered information and some old pictures of the building for the publication.
Umashankar Pandey, a progressive and active farmer from Jhakni village in the Banda district of Uttar Pradesh, India visited ICID’s central office recently. He discussed about his initiative in his native Jhakni village of Uttar Pradesh, a prominent agricultural state in Northern India. He shared his experiences and journey of how his small initiative was adopted as a model of irrigation in the entire state of Uttar Pradesh in India.

Twenty years ago, Jhakhni village was bereft of water. Agriculture was hardly an option for the villagers to earn their livelihood. This led to the migration of the village youth to cities in search of jobs. And Umashankar was eager to find a solution. In a bid to fulfill the wishes of his mother who passed away, Umashankar raised walls 3 feet high and 3 feet wide around his village and planted trees along the boundaries of fields with the help of his friends. This trapped rainwater and helped the villagers to cultivate rice during the next season. The villagers of Jhakni reaped a rich harvest of 100 quintals of rice at that time. Today, twenty years later, the same village produces 20,000 quintals of rice each season. And, the youth that migrated to cities in search of greener pastures is back in the village earning while cultivating their fields.

Niti Ayog (formerly known as the Planning Commission) of the Government of India has declared Jhakni village a model of Jalgram (Water Village- Adoptable water conservation village models). And, the Uttar Pradesh government has replicated this model in all districts of Uttar Pradesh. Now, each district of Uttar Pradesh has at least two Jalgrams or villages that are self-sufficient in water for irrigation.

Jhakni village not only cultivates food grains now but also produces vegetables. In addition to this, they have created fish ponds in the village and are engaged in the freshwater fishery as well. The efforts of Umashankar have not only made significant contributions to food security but also resulted in the remarkable economic development of his village.

Dear ICID Members,

We have been heartened by the number of messages received from ICID members expressing apprehension and concern about the recent bushfires in Australia. There is no doubt that a combination of circumstances including a severe drought across the country created what could be described as the perfect environment for catastrophic fires. These fire conditions are unprecedented in their timing and severity and resulted in the loss of life, homes destroyed and significant loss of livestock and wildlife. The efforts of many thousands of firefighters from Australia and overseas supported by many community groups have done an outstanding job of saving many lives and homes and we are all very proud of their efforts at great risk to their personal safety. Thankfully the Irrigation Australia team is safe and well and to the best of our knowledge so are our many members across Australia.

The Australian irrigation community looks forward to as many ICID members as possible visiting Australia in September for the 24th International Congress 2020 and we are all hopeful that we will be able to report a return to normal climatic conditions and, as this will be the southern hemisphere spring period, there will be green shoots rising through the ashes of the bushfires.

The program for the Congress is developing well and ICID has advised that abstract submissions are now open and we hope that our international colleagues are busy preparing their papers for review by the committee. We have some great social and technical events on the program and these can be viewed on the event website at <http://www.icid2020.com.au>.

We encourage you to take advantage of the early-bird discounts available and please contact our committee at <icid2020@irrigation.org.au> if you have any questions or require assistance with letters of support for visa applications.

Kind regards

Bryan Ward
Chief Executive Officer
Irrigation Australia Ltd
Managing Water Scarcity resulting from Conflicting demands at the Regional, State or Local Level

The Working Group on Managing Water Scarcity under Conflicting Demands (MG-MWSCD) has proposed a workshop on “Managing, on the Regional, State or Local Level, Water Scarcity Resulting from Conflicting Demands” during the IEC meeting in Sydney, Australia in September 2020.

By the year 2025, over 65% of the world population may face water scarcity as a result of climate change, higher pollution levels, increased demand for water due to an increase in population, overuse of water, etc. On one side, there is a growing demand for freshwater and on the other, there is depletion of freshwater resources.

Priority-wise, water for irrigation takes second place after water for domestic consumption. And, industrial users also vie for their slot among water users. This creates a conflict situation and the state finds itself in a tight spot to ration the available water resources among the various stakeholders.

The MG-MWSCD was established in 2016 to collect information, knowledge, case histories on actions taken to manage water systems and accommodate a change in priority of water use due to conflicting demands: (i) National; area or basin; and local; (ii) review and analyze information to determine any commonality; (iii) prepare and present reports and/or case studies on recent developments in the countries that are represented in the WG; (iv) organize international workshop on the topic; and (v) prepare an overview paper on the topic for publication.

The abstracts/papers are invited from professionals, researchers, experts, practitioners, managers, and policy-makers on the first level (National, inter-state, inter-province or inter-basin) based on the mandate of the WG and are encouraged.

Contacts: Workshop Coordinator: VPH Franklin E. Dimick (USA), Chairman of WG-MWSCD (e-mail: frankdimick@gmail.com). ICID Central Office Coordinator: Er. Harish Kumar Varma, Executive Director, New Delhi (E-mail: icid@icid.org)

Call for Nominations 2020

WatSave Awards 2020

Improving water efficiency is the imminent challenge faced in agriculture today. There is a need to innovate and change existing water policies, management practices, and water-saving techniques. A holistic approach involving all the stakeholders like farmers, corporate, government, and civil society organizations is required to improve water productivity.

Recognizing this need, ICID constituted WatSave Annual Award(s) in 1997 to identify and promote exceptional water conservation/saving practices in agriculture. They are presented every year to individuals or a team of individuals after evaluating actual realized savings; and not promising research results, plans or good ideas/intentions to save water.

WatSave Scheme

These nominations are received from ICID’s National Committees through invites sent at the beginning of every calendar year. The award consists of an honorarium of US$ 2000 and a citation plaque. WatSave Award has been categorized into four categories:

- Technology
- Young Professionals
- Innovative Water Management
- Farmer

Nominations are invited from individuals/teams through National Committees/Committee. The entries are open to all professionals/teams from ICID member countries as well as non-member countries. In case of entries from ‘nonmember’ countries, the nominations have to be routed through and validated by an active National Committee of ICID. Such National Committee should be in touch with the nominee and must be aware of his/her work to endorse the nomination.

For further details, visit: https://www.icid.org/awards_ws.html

Recognition of World Heritage Irrigation Structures (WHIS) 2020

Starting from 2014, the International Commission on Irrigation and Drainage (ICID) recognizes the World Heritage Irrigation Structures (WHIS) to consider, identify and select important historical irrigation/drainage structures from around the world. These include operational irrigation structures of antiquity as well as structures with an archival value that are at least 100+ years old. To recognize and formally enter these nominations in the WHIS register of ICID, a task team of international experts is set up every year which grants recognition to these structures along the lines of World Heritage Sites recognized by the United Nations Education, Scientific and Cultural Organization (UNESCO). The seventh batch of WHIS will be included in the ICID Register of WHIS.

WHIS Scheme

Nominations are invited from all the ICID National Committees (NCs) for the selection of the World Heritage Irrigation Structures (WHIS). Associated Members of ICID and non-member countries can nominate their structures through NCs active in neighboring countries or by submitting directly to ICID Central Office.

For details, visit: https://www.icid.org/icid_his1.php

Deadline and Nomination process

From this year onwards, ONLY ONLINE NOMINATION FORM SUBMISSIONS WILL BE ACCEPTED for WatSave Awards and World Heritage Irrigation Structures. Kindly use the following link for the same, https://icidevents.org/awards

The deadline for receipt of the entries for WatSave awards and WHIS from the National Committees along with the completed ‘Nomination Form’ and related details to the ICID Central Office, New Delhi (India) is 30th June 2020.
Invited Nominations for 7th Best Performing National Committee Award (BPNA) 2020

The Best Performing National Committee Award (BPNA) is presented triennially at every ICID Congress, with the main objective to recognize the contributions made by a National Committee to fulfill ICID’s mission and objectives. These awards, initiated in 2002, have been presented to the Korean National Committee, followed by the National Committees of Egypt, Iran, South Africa, Korea, and Iran during the subsequent Congresses held in the years of 2005, 2008, 2011 and 2014 and 2017, respectively.

BPNA Scheme

The BPNA comprises of a Trophy and a Citation Plaque presented during the Congress. For more details on BPNA, please visit the link [http://www.icid.org/awards_nc.html](http://www.icid.org/awards_nc.html)

The details about the 7th Best Performing National Committee Award will be presented during the 24th ICID International Congress and 71st IEC Meeting held from 22-28 September 2020, Sydney, Australia. A Panel of Judges (PoJ) shall judge the nominations received for BPNA. The criterion for the BPNA is available at [http://www.icid.org/bpna_scheme.pdf](http://www.icid.org/bpna_scheme.pdf) and the prescribed nomination form is available at [http://www.icid.org/bpna_nomination_form.docx](http://www.icid.org/bpna_nomination_form.docx)

Nomination and Deadline

Nominations from National Committees are invited for BPNA, based on the performance during the 3 years between 23rd and 24th Congresses (covering calendar years 2017 - 2020) by submitting the duly filled in Nomination Form to ICID Central Office latest by 30th June 2020.

Invited Nominations for 6th Best Performing Workbody Award (BPWA) 2020

ICID presents the Best Performing Workbody Award (BPWA) triennially at the time of every ICID Congress, based on the performance and various other facets demonstrated by the Workbody in between two Congresses. Such Awards in BPWA series have been presented to the Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST), ICID Journal Editorial Board (EB-JOUR), Working Group on Sustainable Development of Tidal Areas (WG-SDTA), and Working Group on On-Farm Irrigation Systems (WG-ON-FARM) in 2005, 2008, 2011 and 2014, respectively for their excellent performance, impressive achievements, and outstanding contributions.

For more details on BPWA, please visit the link [http://www.icid.org/awards_wb.html](http://www.icid.org/awards_wb.html)

BPWA Scheme

The Award comprises of a Citation / Certificate / Plaque to active members of the work body. The criterion for the BPWA is available at [http://www.icid.org/bpwa_scheme.pdf](http://www.icid.org/bpwa_scheme.pdf) and the prescribed nomination form is available at [https://www.icid.org/bpwa_nomination_form.pdf](https://www.icid.org/bpwa_nomination_form.pdf)

The 6th Best Performing Workbody Award (BPWA-6) will be presented during the 24th ICID International Congress and 71st IEC Meeting held from 22-28 September 2020, Sydney, Australia. The award will be adjudicated by a Panel of Judges (PoJ).

Nomination and Deadline

The Chairs of ICID Work bodies and current Office Bearers are requested to submit the candidature of their workbodies. They may submit the nomination of their workbody by providing the information supported by relevant documents to ICID Central Office by 30th June 2020.

Call for Papers: International Workshop on “Public-Private-Partnership (PPPs) in Irrigation and Drainage Operation and Maintenance toward Sustainable Irrigated Agricultural Water Management”

22 September 2020: 14:00-15:45 and 16:15-18:00 hours (TBC), Sydney, Australia

I. Objective

The objective of this workshop is to follow-up the Working Group on Institutional Aspects of Irrigation and Drainage System Management (WG-IOA) Workshop in Denpasar, Bali Indonesia that was conducted on 2nd September 2019 on the theme “Participatory Irrigation/Drainage Management – PIDM and Management Transfer, Approaches and condition for successful PIDM” to provide subsequently for a more wider platform for irrigation and drainage professionals in the scope of activities related to the comprehensive mandate of Working Group on Institutional Aspects of Irrigation and Drainage System Management (WG-IOA), particularly in this proposal related with Mandate 3, which is “Public-Private Partnership (PPPs) in irrigation and drainage operation as well as Mechanism for Cost Recovery”, covering among others: possibilities of and requirements for successful Public-Private Partnerships (PPPs) in irrigation/drainage operation and management; methods and mechanisms for charging of irrigation/drainage services; and determination of level of cost recovery. The workshop materials will, therefore, be based on review experiences and approach with IOA in the countries or regions that are having practical experiences on PPPs under Participatory Irrigation/Drainage Management (PIDM) or Irrigation/Drainage management transfers (IDMT) programs both on conventional irrigation as well as on micro-irrigation technology practices toward sustainable agriculture water management.

II. Scope of the Workshop

Based on review and scrutiny of methodology and approach for appropriate implementation of Mandate 3 of WG-IOA, the scope of this workshop will only be focused on PPPs aspects related with institutional and organizational aspects of IDM schemes for possible up to date with new IOA developments, methodologies, and approaches toward sustainable agriculture water management, including...
the possibility of cost recovery of O&M of irrigation and drainage infrastructures. The workshop materials will then be based on review of experiences and implementation approaches with IOA targeted to managers of irrigation and drainage schemes in the countries or regions that are represented based upon Organizational Setup with special scrutiny on I&O aspects, particularly related with Implementation practices of PPPs in Irrigation and Drainage Management as well as/or Irrigation Management Transfer covering approaches and conditions for successful PPPs under Irrigation/ Drainage Management (PIDM) program, approaches and conditions for successful irrigation/ drainage management transfers (IDMT) by means of PPPs, including; legislation and institutional requirements for implementation of PPPs with full or partial recovery of O&M costs of irrigation and drainage systems through Water Users Associations (WUAs), considering IOA Aspects of PIDM as well as IDM transfer for Micro Irrigation system. On top of these, the discussions are also expected to cover the capacity of the farmer to recover the sustainable O&M budget and resolving of water management problems; O&M Technology Practices integrated working relationship with the related stakeholders; and capacity building as well as capacity development in relation with I&O structure versus sustainability of the routine implementation of integrated capacity development amongst the relevant stakeholders.

The Working Group on Institutional Aspects of Irrigation and Drainage System Management (WG-IOA) is proposing a Workshop during its 71st IEC meeting and 6th meeting of the WG-IOA in September 2020 at Sydney, Australia.

III. Theme /Sub-Themes

The main theme of the Internal Workshop is “Public-Private-Partnership (PPPs) in Irrigation and Drainage Operation and Maintenance toward sustainable Irrigated Agricultural water management”

Sub-topics/ sub-themes:

1. **Topic – 1:** PPPs Approaches and conditions for successful IOA toward sustainable O&M of Irrigation and Drainage; including legislation and institutional requirements for PPP application by virtue of integrated working relationship amongst land ownership of irrigation and drainage systems and water users associations (WUAs).

2. **Topic – 2:** PPPs approaches and conditions of IOA for successful irrigation/ drainage management transfers arrangement; including legislation and institutional requirements for PPP application, a delegation of responsibilities and/or ownership of irrigation and drainage systems to water users associations.

3. **Topic – 3:** Legislation and institutional requirements for transferring of responsibilities and/or ownership of irrigation and drainage systems to water users associations (WUA) through PPPs Approach.

The abstracts/papers are invited from professionals, researchers, experts, practitioners, managers, and policy-makers on the first level (National, inter-state, inter-province or inter-basin) based on the mandate of the WG and are encouraged.

IV. Schedule for Submission of Abstracts / Full Papers

i. Submission of abstracts (Max. 300 words): 1 April 2020

ii. Notification of acceptance: 15 April 2020

iii. Submission of full papers (Max. 10 pages): 30 May 2020

iv. Notification of acceptance of full papers: 15 June 2020

**Contact coordinates:**

Dr. Hafied A. Gany, P.Eng. Chairman, WG-IOA (hafiedgany@yahoo.com; hafiedgany@gmail.com)

ICID Central Office Coordinator:

Er. Harish Kumar Varma, Executive Director, ICID New Delhi, India (e-mail: icid@icid.org)

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**Invitation to contribute for ICID Coffee Table Book and ICID70 Video Film**

The International Commission on Irrigation and Drainage (ICID) is bringing out a colorful Coffee Table Book (CTB) to commemorate the 70th Anniversary of ICID. All National Committees are requested to provide: (1) Congratulatory Messages received from President/ Prime Minister of member countries Or Minister(s); (2) Brief country profile covering (Geography; Population and Land Use; Climate and Rainfall; Agriculture and Food; Irrigation and Drainage; Water Resources Management - River Basins, Policies, Legislations, Sharing agreements/ treaties; and ICID and NC); (3) Brief history of irrigation and drainage; (4) High resolution photographs of notable irrigation projects; (5) Events organized and participation of high-level dignitaries. The material received will be edited for uniformity and adapted to the format of the CTB.

NCs are also requested to contribute to the ICID70 Video Film by sharing available recordings on importance of irrigation and drainage in poverty alleviation and rural development; Congratulatory messages; Iconic irrigation and drainage structures, Dams, etc.; Events organized; and Ancient irrigation practices.

The National Committees are further requested to submit the material immediately so that the editorial process of the CTB and video film may begin at the earliest. Please send the requested material at icid@icid.org

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For 2019 Wiley has provided each ICID office bearer, work body member and subscriber a membership registration number. Your e-mail address is your user name and you can choose your own password.

Now available online Issue 68.4, published December 2019. Click for direct access to the page with the papers of this issue of Irrigation and Drainage at http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361
The International Network of Service Providers for Irrigation Excellence (INSPIRE) - collaboration between ICID and World Bank

Mr. IJsbrand H. de Jong, the Lead Water Resources Specialist at World Bank, Washington visited International Commission on Irrigation and Drainage (ICID) and met the Secretary General Er. Ashwin B. Pandya and the Executive Director, Mr. Harish Kumar Varma to explore support and cooperation for establishment of the proposed International Network of Service Providers for Irrigation Excellence (INSPIRE) forum. During discussion it emerged that service delivery in the irrigation and drainage (I&D) sub-sector has not always received adequate attention within the Water sector in Agriculture community and has often been reduced to infrastructure delivery or technical modernization.

Therefore, a need is felt to establish INSPIRE which aims to provide a platform for knowledge exchange on irrigation & drainage (I&D) service delivery among managers of I&D systems. INSPIRE is proposed to become the global thought leader on I&D service delivery. It is proposed that INSPIRE will be established as a technical workbody and initially incubated by the International Commission on Irrigation and Drainage (ICID) and that INSPIRE meetings take place as a half- or one-day side event of regular ICID conferences and World Irrigation Forum (WIF), to start with during upcoming 24th ICID Congress to be held at Sydney, Australia in September 2020. The Forum will be chaired by an irrigation manager elected by its members, and assisted by a secretary. Regional meetings can also be organized to improve accessibility and participation of all stakeholders. INSPIRE meetings will present and discuss hands-on experience, innovations and best practice in improving the quality of I&D services.

As a new initiative, the initial focus will be on setting the learning agenda and defining what are the characteristics of a Future Irrigation Manager, along the following metrics: O&M performance standards and resilience, Service delivery attitude and inclusive customer orientation, Understanding of the physical and budget system to prioritize long-term investment, asset management and institutional planning, Understanding of the context within I&D system operates and level of integration within the wider water and agricultural networks, Embracing of modernization and smart innovation in practical and coherent ways, Influence on the broader governance environment (separation of functions, advocacy on sound legal and regulatory framework, transparency standards) etc.

Subsequently, a consecutive meeting was also held with Asian Development Bank (ADB) on the same day to explore possibility of ADB’s support for INSPIRE; Mr. Rajesh Yadav and Mr. Arnaud Cauchois represented ADB in the discussions. The meeting culminated on an affirmative note. ICID will fully support World Bank’s work with INSPIRE and will be cooperating in other activities pertaining to the interest of the larger irrigation and drainage community worldwide.

Russian version of ICID Journals on the anvil

Vice President, Mr. Shvkat Khamrayev has received the ICID Journals (1 and 3) sent to Uzbekistan National Committee on Irrigation and Drainage (UzNCID), Tashkent, Uzbekistan. He has reviewed the journals and forwarded them to the concerned officials at UzNCID for their translation into Russian (Slav) language.

Temporary e-mail ID of Uzbekistan National Committee

The e-mail ID of the Uzbekistan National Committee on Irrigation and Drainage (UzNCID), namely, uznucid@minwater.uz is not working. Their temporary e-mail ID is: gfb07090@mail.ru

New e-mail ID of VPH Franklin E. Dimick

The earlier e-mail ID of VPH Franklin E. Dimick (USA), Chairman of Working Group on Managing Water Scarcity Under Conflicting Demands (WG-MWSCD), viz., rankdimick@gmail.com is no longer in operation. His new e-mail ID is frankdimick@gmail.com

Book Release: Community and Climate Resilience in Semi-Arid Tropics: A Journey of Innovation

‘Community and Climate Resilience in Semi-Arid Tropics – A Journey of Innovation’ is an anthology containing 12 chapters on the theme contributed by renowned scholars. The book has been edited by S.P. Wani and K.V. Raju. This is a ‘Springer’ publication. The book is available in e-book as well as hardbound print editions. The price of the print edition is 114.39 Euros. This book presents innovative research into rain-fed agricultural processes and demonstrates effective community participatory mechanisms. It also addresses issues to improve the livelihoods of dryland farmers in Semi-Arid Tropics.

This book focuses on developing an integrated holistic approach for harnessing the potential of rain-fed agriculture. In this approach, rainwater management through harvesting and recharging the groundwater is used as an entry point activity for increasing the productivity for farmers through enhanced water use efficiency. It promotes holistic and integrated solutions, the approach of the consortium through building partnerships with different stakeholders, eg. different research institutions (State, National, and International), development departments, eg. Department of Agriculture, Department of Animal Husbandry, etc., Non-Government Organizations (NGOs), Farmers Organizations Community-based Organizations (CBOs) along with market linkages through private companies. For more information, kindly visit, https://www.springer.com/gp/book/9783030299170
24th ICID Congress and 71st IEC Meeting
22-28 September, 2020, Sydney, Australia
Theme: Innovation and Research in Agriculture Water Management
to Achieve Sustainable Development Goals