75th International Executive Council meeting & 9th Asian Regional Conference





THE 31ST MEETING OF THE ICID JOURNAL EDITORIAL BOARD (EB-JOUR)

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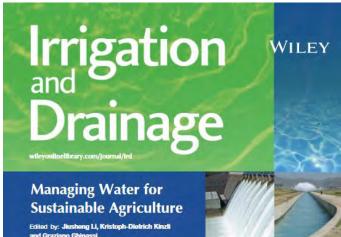
IRRIGATION AND DRAINAGE

Presented by:

Prof. Dr. Jiusheng Li (China), Chairman EB-JOUR

5 September 2024, 08:30-10:00 Hours (Session-I)

5 November 2023, 10:30-12:00 Hours (Session-I)



The journal of the International Commission on Infigation and Drainage Volume 71, Number



ICID-CH

MEMBERSHIP EDITORIAL BOARD

At the 30th Editorial Board Meeting in 2023, four new nominations were approved:

- Mr. Shweta Tyagi, India as an editorial board member;
- Dr. Christopher John Perry, UK as an associate editor;
- Professor and Dr Risheng Ding, China as an editorial board member;
- Professor and Dr Hwa-Lung Yu, Chinese Taipei Committee as editorial board member.

At the end of April 2024

• Er. B. A. Chivate, Director (Technical) has left the ICID Central Office. Therefore, he has withdrawn from membership of EB-JOUR. Er. Chivate has served as the coordinator between the Editorial Board and the ICID Central Office for several years. The EB expressed its appreciation for all the good work that he had done. The EB requests that the ICID Central Office nominates a new coordinator if available.



MEMBERSHIP EDITORIAL BOARD

After consulting with the PCTA, the following two issues were identified:

- Starting in 2024, the NCs only nominate members, and the Editorial Board determines the role of the nominee.
- Associate editors/members who have been silent for more than two years will have their membership automatically terminated in consultation with the PCTA.
 Based on these issues, the Chairman proposes to nominate the following two members, who were nominated as Editorial Board Members in 2023, as Associate Editor:
 - Professors and Drs Risheng Ding (China)
 - Dr Hwa-Lung Yu (Taiwan)

So far, no new nominations have been received for the 2024 EB-JOUR membership.

• **SUPP:** The Japanese National Committee on Irrigation and Drainage (JNC-ICID) has withdrawn the name of Dr. Takanori Nagano (Japan) from the EB-Journal in their email.



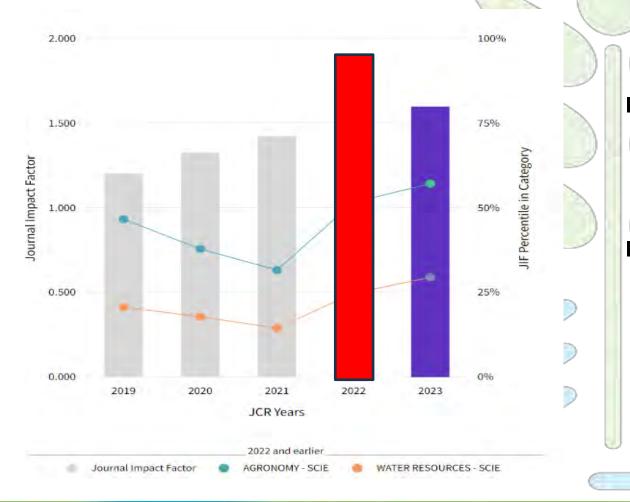
MEMBERSHIP EDITORIAL BOARD

Currently, there are 37 people on the Editorial Board:

- 1 Chairman (Chief Editor)
- 2 Joint Editors
- 1 Editor Emeritus
- 18 Associate Editors
- 15 members
- Some of the AEs and members are not as active as expected. I would like to remind that the responsibility of AEs and members has been informed when nominating a candidate.
- Roughly, each AE has to organize the review of 5-10 manuscripts.



General Information about IRD Impact Factor



 The 2023 Impact Factor for our journal IRD was 1.6. The IF peaked at 1.9 in 2022.

The total citations reached 2,258 in 2023, an increase of 5% from the 2020 value of 2,126.



Characteristic data of the ISI Science Journals Citation Index

Year	Rank		Cites based on the previous two years		Impact factor*	
	Water Resources	Agronomy	Per year	Papers	2 year	5 year
2011	52/78	42/79	77/42	80/49	0.922	1.127
2012	63/80	47/78	48/41	49/81	0.685	1.100
2013	64/81	44/79	69/62	81/99	0.717	0.893
2014	71/83	61/81	62/36	99/93	0.510	0.672
2015	69/85	55/83	61/30	93/68	0.565	0.723
2016	68/88	41/83	61/61	68/63	0.931	0.885
2017	78/90	57/87	66/57	63/111	0.707	0.845
2018	73/91	47/89	117/71	111/72	1.027	1.146
2019	74/94	49/91	114/82	72/91	1.202	1.222
2020	81/98	57/91	235	91/133	1.328	1.435
2021	86/100	62/90			1.424	1.614
2022	78/103	43/89			1.9	1.9
2023	90/127	54/125			1.6	1.7

• The journal's category rank increased in both Agronomy (from 43/89 to 54/125) and in Water Resources (from 78/103 to 90/127).



SOME CHARACTERISTIC DATA OF 2023

Issue	Number of papers	Number of pages	Publication date
72.1	22	298	February
72.2	21	284	April
72.3	21	295	July
72.4	22	305	October
72.5	19	192	December
Total	105	1374	

• 5 regular issues

- Issue 72.5 is a regular special issue for selected papers of the 24th ICID Congress on the theme '*Innovation and research in agriculture water management to achieve sustainable development goals*.' The guest editors were Jiusheng Li, Bart Schultz and B.A. Chivate.
- In total, 105 papers with 1374 pages
- 400 authors, 36 countries/organizations



Publication trend in issue

Year	Volume	Number of issues	Number of articles	Number of pages	Average days from receipt at Wiley to Early View publication	Median days from receipt at Wiley to Early View publication	Average days from receipt at Wiley to online issue publication	Median days from receipt at Wiley to online issue publication
2023	72	5	105	1,374	27	26	163	147
2022	71	5	102	1,409	25	25	184	199
2021	70	5	112	1,385	29	27	230	227

For articles published in 2023 issues, the average number of days from receipt at Wiley to Early View for *Irrigation and Drainage* was 27. This is slower than the Life Sciences average, which was 23. In comparison, the average across Wiley was 24.

For *Irrigation and Drainage*, the median number of days from receipt at Wiley to Early View in 2023 was 26. This is slower than the Life Sciences median, which was 17. In comparison, the median across Wiley was 17.



Publication trend online

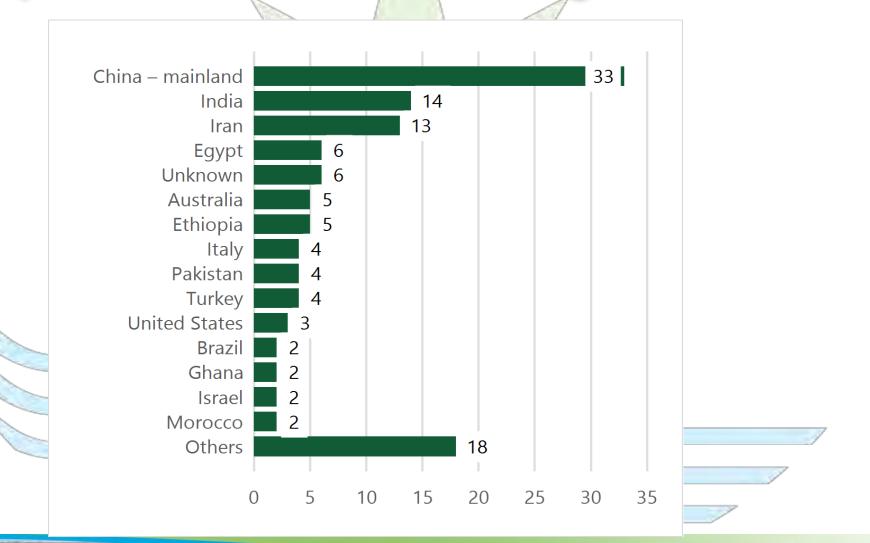
Year	Number of articles	Total pages	Average days from receipt at Wiley to Early View publication	Median days from receipt at Wiley to Early View publication	Average days from receipt at Wiley to online issue publication	Median days from receipt at Wiley to online issue publication
2023	123	1728	27	26	168	156
2022	101	1379	27	21	171	178
2021	98	1272	28	26	207	212

For articles published online in 2023, the average number of days from receipt at Wiley to Early View for *Irrigation and Drainage was* 27. This is slower than the Life Sciences average, which was 23. In comparison, the average across Wiley was 23.

For *Irrigation and Drainage*, the median number of days from receipt at Wiley to Early View in 2023 was 26. This is slower than the Life Sciences median, which was 17. In comparison, the median across Wiley was 17.



Top 15 author countries/regions in 2023









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75th IEC MEEING

IRRIGATION AND DRAINAGE 2024 Best Paper Award Announced by: Prof. & Dr. Jiusheng Li Chairman and Editor in Chief **Editorial Board**

3 September, 2024

> The journal of the International Commission on Irrigation and Drainage Vo

CD-CIE

Edited by: Jiusheng Li, Kristoph-Dietrich Kinzli

Volume 71, Number 3, July 2022 ISSN: 1

WILEY



- During the editorial board meeting in Beijing in September 2005, it was agreed that each year there would be an award for the best paper published in Irrigation and Drainage. The award is a plaque. In addition, Wiley-Blackwell sponsors a prize of US\$ 500 or US\$ 800 in the form of Gift Books (Wiley Publications), which the awardees will have an option to choose.
- The best paper of those published in 2022 (Volume 71) was selected using criteria for evaluation of the papers, which included:
 - The paper is innovative and scientifically sound;
 - The paper contributes to a better understanding of the development and management of irrigation, drainage and flood management systems;
 - ✓ The paper is well written.
 - Papers with authors or co-authors from the present and previous editorial teams and editorial board are excluded from participation.

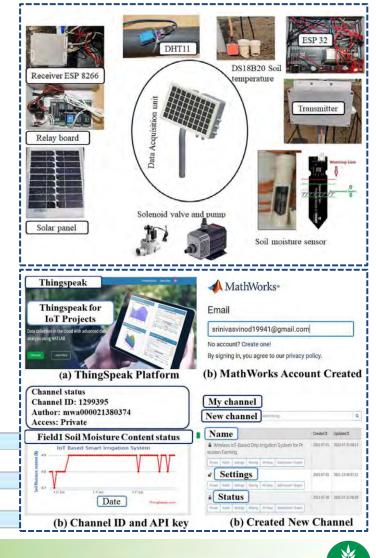


- In 2023, four regular issues and one regular special issue were published, resulting in a total of 103 papers. The regular special issue 72.5, was a special issue for selected papers of the 24th ICID Congress on the theme 'Innovation and research in agriculture water management to achieve sustainable development goals.'
- □ One paper was preselected for each issue. Five papers were shortlisted.
- Among these 5 papers, the judgments of the referees showed that this year, one paper was clearly better than the other 4 papers. Therefore, it was selected as the best.



Paper to Be Selected

- In a selected study, an IoT-based drip irrigation system was developed and tested for system performance. The developed system, consisting of sensors and microcontrollers, records the environmental parameters, namely, soil moisture content, soil temperature, and relative humidity and temperature. The information captured by the sensors is wirelessly uploaded to the cloud server using IoT technology, which can be accessed from anywhere in the world. It was observed that the IoT-based drip irrigation improved pump operating time, leaf length and width by 85 min, 4.4 cm and 3.1 cm, respectively, compared to 125 min, 3.7 cm and 2.4 cm for the ETc-based drip irrigation treatment.
- During a period of 31 days, water savings of 35% were observed compared to ETc-based drip irrigation.



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BEST PAPER AWARD 2023

Vinod Kumar S, Chandra Deep Singh, K. V. Ramana Rao, Mukesh Kumar, Yogesh Annand

(India)

for the outstanding paper entitled **'Development of a smart IoT-based drip irrigation system for precision farming'** published in Volume 72.1 (2023) of

Irrigation and Drainage - the Journal of ICID



Volume 72, Issue 1 February 2023 Pages 21-37

Irrigation and Drainage

RESEARCH ARTICLE

Development of a smart IoT-based drip irrigation system for precision farming

Vinod Kumar S 🔀, Chandra Deep Singh, K. V. Ramana Rao, Mukesh Kumar, Yogesh Annand Rajwade

First published: 24 October 2022 | https://doi.org/10.1002/ird.2757

Article title in French: Développement d'un système d'irrigation goutte à goutte intelligent basé sur l'iot pour l'agriculture de précision. Funding information: ICAR-Indian Agricultural Research Institute, New Delhi

Read the full text >

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Abstract

EN FR

Precision irrigation scheduling using real-time sensors has the potential to boost water use efficiency while maximizing resource utilization. Traditional farming is adversely affected by improper resource management. To overcome a farmer's efforts, an IoTbased drip irrigation system was developed and tested for system performance. It was compared with an ETc-based drip irrigation system for brinjal crops grown in planter beds filled with vertisols. The developed system, consisting of sensors and microcontrollers, records the environmental parameters, namely, soil moisture content, soil temperature, and relative humidity and temperature. Irrigation scheduling was programmed using upper (field capacity) and lower thresholds (50% plant available water). Irrigation applications were triggered when the soil moisture value reached the lower threshold (33%) and ended after the field capacity was attained (46%). The information captured by the sensors is wirelessly uploaded to the cloud server using IoT technology, which can be accessed from anywhere in the world. It was observed that the



SOME CHARACTERISTIC DATA OF 2024-I

- Three regular issues have been published on time.
- A regular special issue is in works:
 - Regular Special Issue with selected papers of the ICID Visakhapatnam Congress.
 - 14 papers has been published online and 2 papers has been accepted in principle.
 - Two additional papers may be expected.
 - Sponsored Special Issue with papers presented in the workshops of the Working Group on Sustainable Development of Tidal Areas is being prepared.

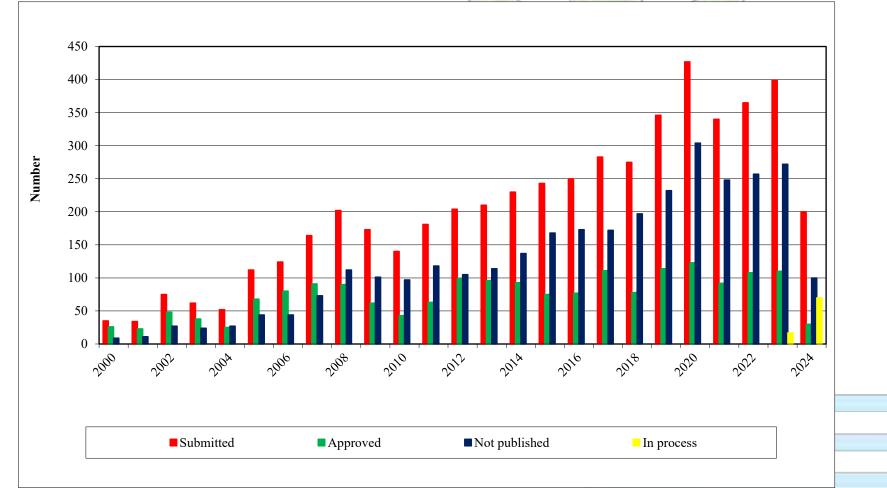
	Issue	Number of papers	Number of pages	Publication date
	73.1	26	384	February
Q	73.2	26	412	April
ł	73.3	26	431	July
4	73.4			October
	73.5			December
	Total			



SOME CHARACTERISTIC DATA OF 2024-II

- M/s. Wiley-Blackwell has started with the publication of Virtual Issues. These are published online only, in which papers on a certain topic that have already been published, are published together.
- The first Virtual Issue was published in May of 2020. The 17 papers in this Issue are based on the SALTMED model that has been developed by Dr. Ragab Ragab.
- A second Virtual Issue with selected papers by Prof. em. Bart Schultz has been published in December 2020.
- Two Virtual Issues with selected papers focusing on modernization of irrigation systems and climate change, respectively, have been published in 2021.
- The VIs are published much later than the papers themselves. During the Business meeting with Wiley, the VI issue has been discussed. One concern is that too frequent VI might interfere with readers' attention to recently published articles. Wiley Journals Publishing Manager explained how VIs are not essential, however they can be good marketing tools. Therefore, we do not need to force them, but if we get a good topic, it can be good to create a VI.

SOME CHARACTERISTIC DATA OF 2024 - III



Highlights

- In general, the submission for our journal shows an increasing trend.
- This suggests an increasing interest of authors in publishing their paper in our journal.



SOME CHARACTERISTIC DATA OF 2024 - IV

- As of 30 August 2024, when the PPT was being prepared, 275 manuscripts had been received for the year. At the same date of 2023, there were 261 submissions. Therefore, a slight increase in the number of submissions can be expected for 2024.
- In general, the review process proceeds normally. Our goal is to control the duration from submission to first decision within three months. This goal is achieved with quite a few exceptions.
 - The review of the manuscripts that were submitted until 2022 has been completed.
 - For the 2023 submissions, 10 manuscripts are still in process. Two manuscripts ((IRD-23-0239 and 0300) are in their first review

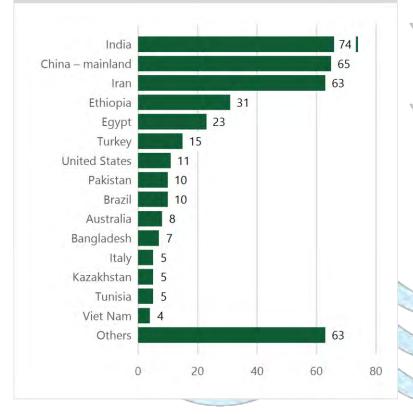
Of the 267 submissions in 2023:

- 56 manuscripts have been accepted
- 140 manuscripts have been rejected
- 89 manuscripts are in the process of review



Submissions by Countries

Country/region of submissions



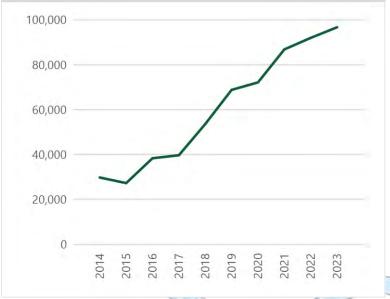
This chart shows the top 15 countries/regions ranked by the number of submissions to the journal. All submissions counted were submitted in 2023. The remaining countries/regions are are grouped into "Others".

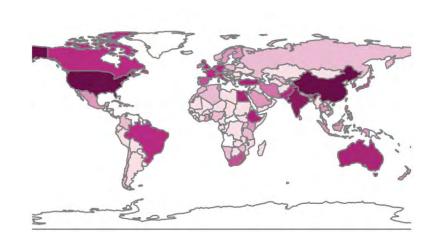
The top six countries are India, China, Iran, Ethiopia, Egypt, and Turkey. Submissions from India have increased noticeably in the last three years. The nomination of new associate editors may consider this fact.



Readership

Article views trend





Article views by country/region

This chart shows the increase in the number of full-text article views for your journal in the period 2014 to 2023. The total includes usage on Wiley Online Library, PubMed, and other third-party databases. Accesses via Wiley Online Library increased (5.4%) in 2023.

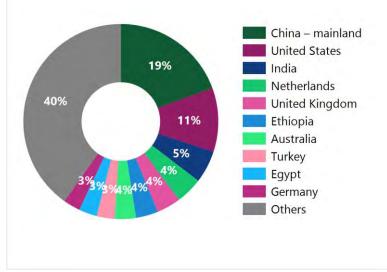
This compares with an increase (25.7%) across all Wiley journals in the Earth Sciences / your subject area.

The global reach of your journal is reflected in its readership, as displayed by this chart showing the origin of full-text article views of your journal on Wiley Online Library. The darkest shading shows countries/regions where readership of your

journal is highest.

This chart shows the top 10 countries/regions from which articles in your journal were accessed via Wiley Online Library in 2023, and the percentage each country/region contributed to total usage. All other countries/regions are combined under "Others".

Top 10 usage countries/regions



Top ten most downloaded papers in 2023

Rank	Author(s)	Article Title	Volume	Issue	No. of Accesses
1	Mark D. Smith, Alok Sikka, Tinashe L. Dirwai, Tafadzwanashe Mabhaudhi	Research and innovation in agricultural water management for a water-secure world	72	5	1,124
2	<u>Idris Bahçeci, Abdullah Suat Nacar, Lui</u> <u>Topalhasan, Ali Fuat Tari, Henk P. Ritzema</u>	A New Drainpipe-Envelope Concept for Subsurface Drainage Systems in Irrigated Agriculture	67	S2	987
3	<u>Pay Drechsel, Manzoor Qadir, Jurgen</u> <u>Baumann</u>	Water reuse to free up freshwater for higher-value use and increase climate resilience and water productivity	71	S 1	942
4	<u>G. Belaud, L. Mateos, R. Aliod, MC.</u> <u>Buisson, E. Faci, S. Gendre, G. Ghinassi, R.</u> <u>Gonzales Perea, C. Lejars, F. Maruejols, N.</u> <u>Zapata</u>	Irrigation and Energy: Issues and Challenges	69	S1	931
5	<u>Xiulu Sun, Henk Ritzema, Xiuqiao Huang,</u> <u>Xiaojun Bai, Petra Hellegers</u>	Assessment of farmers' water and fertilizer practices and perceptions in the North China Plain	71	4	900
6	Shmulik P. Friedman	Is the crop evapotranspiration rate a good surrogate for the recommended irrigation rate	72	4	852
7	H.P. Ritzema, J.M. Van Loon-Steensma	Coping with Climate Change in a densely Populated Delta: A Paradigm Shift in Flood and Water Management in The Netherlands	67	S 1	841
8	Sami Touil, Amina Richa, Meriem Fizir, Jesús E. Argente García, Antonio F. Skarmeta <u>Gómez</u>	A review on smart irrigation management strategies and their effect on water savings and crop yield	71	5	823
9	<u>Madhav Prasad Dhakal, Amjad Ali,</u> <u>Muhammad Zafar Khan, Nisha Wagle,</u> <u>Ghulam Muhammad Shah, Muhammad</u> <u>Mudassar Maqsood, Ajaz Ali</u>	Agricultural water management challenges in the Hunza River Basin: Is a solar water pump an alternative option?	70	4	813
10	George Kargas, Paraskevi A. Londra, Dimitrios Koka, Anastasia Sgoubopoulou	Relationships between saturated paste and 1:1 or 1:5 soil/water extract sodium adsorption ratios	72	2	729



IRRIGATION AND DRAINAGE TEN MOST CITED PAPERS

Rank	Title	Authors	Year	Volume	Issue	Total Citations
1	Efficient irrigation; Inefficient communication; Flawed recommendations	Perry, Chris	2007	56	4	271
2	Coping with water scarcity: Water saving and increasing water productivity	Hamdy, A; Ragab, R; Scarascia-Mugnozza, E	2003	52	1	214
3	Irrigation and poverty alleviation: Review of the empirical evidence	Hussain, I; Hanjra, MA	2004	53	1	207
4	Irrigation in the Texas High Plains: a brief history and potential reductions in demand	Colaizzi, P. D.; Gowda, P. H.; Marek, T. H.; Porter, D. O.	2009	58	3	199
5	Three stages in the history of land reclamation in the Netherlands	Hoeksema, Robert J.	2007	56	S1	148
6	Estimation of local drought frequency in central Poland using the standardized precipitation index SPI	Labedzki, Leszek	2007	56	1	131
7	Validation of the FAO methodology for computing Eto with limited data: Application to south Bulgaria	Popova, Z; Kercheva, M; Pereira, LS	2006	55	2	125
8	Characteristics of river floods and flooding: A global overview, 1985-2003	Douben, Klaas-Jan	2006	55	S1	106
9	Benchmarking performance in the irrigation and drainage sector: A tool for change	Malano, H; Burton, M; Makin, I	2004	53	2	94
10	Developing the non-dimensional framework for water distribution formulation to evaluate sprinkler irrigation	Li, Ang; Mu, Xinyuan; Zhao, Xia; Xu, Jiamin; Khayatnezhad, Majid; Lalehzari, Reza	2021	70	4	92



French abstract

- □ It is the unique characteristic of the ICID journal.
- Since 8th December 2021, the French text translation has been transferred to the ICID CO. Up to 22 August 2024 when the Chairman's presentation is being prepared, 305 papers have been sent to the ICID CO, and 302 papers have been returned to the Chairman with the complete translation of French texts. On average, this takes 28 days, with a wide range of 1 to 94 days. On behalf of the Chairman, I highly appreciate the efforts of ICID CO.
- The expectation of checking the French texts in the papers is within four weeks. Usually, this goal can be achieved. In some occasional cases it takes longer than expected, with rare exceptions of two or three months.



Road Map to ICID Vision 2030: Action Points of Editorial Board

During the Bali meeting (2019), the implementation of the Action Points of the Editorial Board with respect to the Road Map to ICID Vision 2030 were presented (refer Annex 2) of the Agenda. In general, the progress is better than committed. During the virtual meeting in 2020, the updated Action Plan (Road Map to ICID Vision) from 2018-2022 has been approved by PCTA/IEC.



Distribution of the Journal among the ICID membership

- This year is the sixth year under the 4th Agreement with Wiley (2019-2025) with M/s. Wiley-Blackwell, UK. Under this agreement, the major change compared to the previous Agreements is that all individual members of National Committees are entitled to receive 'Online accesses to the Journal'.
- The number of subscriptions for 2024 is 911 'online only', 78 'online + print' and 78 'print' only, which makes the total as 1067. The 'Direct Members' and 'Young Professionals' (receiving ICID scholarship) have been added to the list receiving ICID Journal.
- It may be noted that the subscriptions from ICID members are experiencing a decrease. Total subscriptions from ICID members decreased from 1,868 in 2022 to 1,627 in 2023. A continuous decreasing trend was observed in 2024.



Issues related with M/s Wiley-Blackwell

- The publisher is constantly keeping up with the new developments. This implies, for example:
- (a) better information related to the submission of papers;
- (b) provision of a list of names of potential reviewers to the Joint or Associate Editors when they handle a certain paper;
- (c) possibility to make a video clip to promote a submitted paper;
- (d) better information at the Wiley web page of the Journal to handle the review process, to record the progress on the submission of papers and to record the downloading of papers by readers.



Contract renewal proposal for Irrigation and Drainage

- The year 2024 is the sixth year of the 5th Agreement for the period 2019-2025. To ensure a seamless transition, as a first step, it was agreed that Wiley would be invited to submit a contract renewal proposal for *Irrigation and Drainage*. This proposal has been discussed with the chairman and other relevant persons. It was agreed that Wiley would submit the draft Agreement to Secretary-General for final check, approval and signing. The draft Agreement was sent on 1 July 2024.
- ICID CO has reviewed and approved it in principle the contract renewal proposal for *Irrigation and Drainage*.



Highlights of Publishing Partnership

Since ICID partnered with Wiley, *IRD* has seen a significant rise in key metrics of success:

- Increase in global reach as the number of institutions with access to the Journal grew from 40 in 2001 to over 11,400 in 2023, including over 4,300 institutions in the developing world.
- Increase in readership with article downloads growing from circa 7,000 in 2001 to over 96,000 in 2023.
- Increase in output from 28 articles in 4 issues in 2001 to 123 articles in 5 issues in 2023.
- Increase in Impact Factor from 0.357 in 2002 to 1.9 in 2022.



Key Points of the Offer to Extend Our Publishing Agreement

- A 7-year contract term, from 2026 to 2032.
- To continue the current royalty arrangement with the highest tier royalty of 14% on all income if total income exceeds US\$150k.
- A prize of US\$500 per annum to the best paper award winner to be continued.
- To continue the current arrangement for member subscriptions as follows:
 Electronic access fee: USD 27,259 in 2024, increases by 1% per annum (for a 7-year term contract) to allow expanding online access to the Journal without corresponding increase in costs.

Print fee: USD 69.53/member in 2024, increases by 3% per annum.

- To hold the member subscription rates at 2025 values in the new contract term (2026-2032).
 - ◆ Electronic access fee: USD 27,531 (=USD 27,259 *1.01) in 2025 and 2026-2032.
 - ◆ Print fee: USD 71.61/member (=USD 69.53 *1.03) in 2025 and 2026-2032.
- To offer ICID a royalty on all income as per the current agreement: i.e. stepped royalty of 10% if revenues exceed US\$41,250, 12% if revenues exceed US\$100k, and 14% if revenues exceed US\$150k.







- ICID Members' Profile Section: ICID has launched a new website (https://icidciid.org) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. Members are requested to review and update their information using their credentials and maintain accurate information. Please visit < <u>https://icid.bmeurl.co/C7D4D2E</u> >
- Register on World Irrigation Projects (WIP): ICID has taken an initiative to document the development of irrigation projects in the world by establishing an online Register on "World Irrigation Projects (WIP)". The review process and other details are outlined on the portal < <u>https://wip.icidevents.org/</u> > in detail.
- Wiley has granted permission to the Chinese Taipei Committee of Irrigation and Drainage (CTCID) to translate IRD abstracts into Chinese as per their request.



OUTLOOK 2025 – General information

- Five regular issues + Supplemental Special Issue (Working Group on Sustainable Development of Tidal Areas)
- Suggestions to regular special issue are welcome.



OUTLOOK 2025 – Recognition to the reviewers

- As a convention, 321 guest editors and reviewers during 2023 were recognized in the First Issue of 2024. Some of the referees reviewed more than two manuscripts; some of them reviewed both the original and several revised versions of a manuscript.
- The Guest Editors and Reviewers of 2024 will be recognised in the First Issue of 2025.
- Reviews are also listed in PUBLONS when reviewers would wish so.



OUTLOOK 2025 - Article Type Harmonization

Current Display name New	w Display name	Comment
Research Article Rese	search Article	No Change
Book Review Book	ok Review	No Change
Review Article Revi	view Article	No Change
Editorial Edit	itorial	No Change
Case Studies Case	se Study	Minor Change
Special Issue Article Spec	ecial Issue Article	No Change
Supplement Article Supp	pplement Article	No Change
ICID Paper ICII	ID Insights	Minor Change

OUTLOOK 2025

- Attract the best quality papers in the field globally to increase submissions of high-quality papers.
- Provide marketing support for promoting hot topic papers.
 Encourage ICID members to engage with journal content.
- Better use by National Committees of free subscriptions for all individual members
- Continuation of reducing review and process time

