

# ISH-NEWS



Website : <http://www.ish.net.in>

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## THE INDIAN SOCIETY FOR HYDRAULICS

VOL. 33 No. 1

January 2024

NIT Warangal took pride in hosting the **HYDRO 2023 INTERNATIONAL**, 28<sup>th</sup> International Conference under the aegis of the Indian Society for Hydraulics (ISH) on Hydraulics, Water Resources, River, and Coastal Engineering from December 21 to 23, 2023. Prof. N. V. Umamahesh (NIT Warangal) and Dr. Manish Pandey (IIT Kharagpur) led the coordination, emphasizing our collective dedication to advancing knowledge in pivotal domains like Hydraulics, Water Resources, River and Coastal Engineering.

The inaugural ceremony featured esteemed figures, including Prof. Philippe Gourbesville IAHR President as the chief guest and Dr. R. S. Kankara, Director CWPRS Pune as the Guest of Honor. Prof. V. Bidyadhar Subudhi, Prof. Venkappayya R. Desai, Prof. Somsekhar added prestige to the event.





**Prof. Philippe Gourbesville**, IAHR President, highlighted the activities of IAHR worldwide and crucial global issues facing the fraternity in the field of Hydro-Environment Engineering and Research.



**Dr. R. S. Kankara**, President, ISH Pune and Director, Central Water & Power Research Station Pune highlighted the importance of the conference as the conferences like HYDRO series, provide a platform for innovative minds to discuss issues and come up with solutions for real-world problems. He motivated the participants to make full use of the conference and come up with recommendations that can be implemented to solve the water issues.





An MoU between IAHR & ISH was also signed during the inaugural ceremony by Prof. Philippe Gourbesville, IAHR President, Dr. R. S. Kankara, President, ISH Pune and Prof. S. A. Sannasiraj, Vice-Chair, Asia Pacific Division, IAHR. The purpose of this MOU is to create a robust platform for cooperation and knowledge exchange among IAHR and ISH. By federating with IAHR, the said association will benefit from an increased global visibility, access to IAHR resources, and opportunities for collaboration, empowering them to address critical water-related challenges and developments more effectively. Together, both parties involved can advance the field of hydro-environment engineering and research, fostering innovation, sustainability, and resilience in the face of evolving global water issues.

Sh. Amit Kulhare, Secretary, ISH, announced the names of the researchers and academicians in the field selected for ISH awards.

The response to HYDRO 2023 INTERNATIONAL was overwhelming, with over 750 abstracts initially submitted. Rigorous peer reviews culminated in the presentation of 400+ high-quality papers across 38 parallel sessions. The contributions, a blend of cutting-edge research and innovative solutions, hailed from global academicians, scientists, researchers, practitioners, and consultants.





Renowned experts delivered 12 plenary lectures, covering diverse topics from river engineering design optimization to AI & ML-based geospatial applications. **Prof. Michael Tritthart** (BOKU Vienna), **Prof. Arun Kumar** (IIT Roorkee), **Prof. Alfred Kalyanapu** (Tennessee Technological University, USA), **Prof. Arup Kumar Sarma** (IIT Guwahati), **Prof. T. I. Eldho** (IIT Bombay), **Prof. T. Ramesh** (FAU, USA), **Prof. S. Govindaraju Rao** (Purdue University, USA), **Prof. Rajagopalan Balaji** (University of Colorado, USA), **Prof. Z. Ahmad** (IIT Roorkee), **Prof. Nagesh Kumar** (IISc Bangalore), **Prof. V. V. Srinivas** (IISc Bangalore), and **Prof. P. L. Patel** (NIT Surat) shared their expertise. A special session on Scientific Writing, Publishing Strategy, and Ethics by Springer India enriched the conference agenda, emphasizing academic integrity and excellence. Additionally, 38 keynote lectures by esteemed speakers from India and abroad further elevated the intellectual discourse.

The valedictory ceremony on December 23, 2023, featured Dr. R. N. Sankhua (Ministry of Jal Shakti) as the Chief Guest and Prof. V. V. Srinivas (IISc Bangalore) as the Guest of Honour. This marked the culmination of a significant gathering of experts, fostering collaboration and knowledge exchange in the domain of hydraulics and water resources.

The HYDRO'23 INTERNATIONAL conference stands as a monumental contribution to advancing the frontiers of knowledge in hydraulics and related fields.



# Minutes of the twenty-eighth General Body Meeting

The 28<sup>th</sup> Annual General Body meeting of The Indian Society for Hydraulics (ISH) was held on 21<sup>st</sup> December 2023 at 1730 hrs, during the HYDRO-2023 International conference held at NIT Warangal. Due to the paucity of quorum meeting was adjourned and rescheduled for 30 minutes. About 45 members attended the meeting. The meeting started with a welcome address by Dr. R.S. Kankara, President, ISH.

## 1.0 Confirmation of the Minutes of the Twenty-seventh General Body Meeting

The minutes of the 27<sup>th</sup> General Body meeting held on 22<sup>nd</sup> December 2022 at PEC, Chandigarh circulated to the members through the ISH Newsletter published in January 2023 for kind perusal, comments and suggestions. The minutes were also circulated to members and read out at the meeting and as there were no oral or written comments, the minutes were confirmed.

## 2.0 Secretary's Report:

ISH Executive Committee met thrice (hybrid mode) during the year 2023 to discuss various issues.

### The present status of the membership is as below:

Life members	:	1612 (Sr.No.) - 1212 (with E-mail)
Fellow Members	:	99
Corporate Members	:	4 (2 Active)
New members Joined in 2023	:	60

During the last one year, the ISH Life membership has increased by 31 which is significant progress. ISH secretariat will be sending an updated list of life members during the first quarter of 2024 to Taylor & Francis (T&F). T&F is prompt in responding to the update of membership and online access facilities.

To update the data base of active ISH members, multiple emails have been sent and a flash message has been posted in the ISH website for past six to seven months. The total of 296 responses have been received so far.

**ISH News Letter** : The ISH Newsletters for January & July were published and have been on ISH website under the Publication TAB.

## • THE INDIAN SOCIETY FOR HYDRAULICS AWARDS - 2023

ISH Lifetime Achievement Award (Rs. 10,000/-) + Memento with citation + Shawl

**Dr. Sharad Kumar Jain**

Visiting Faculty, IIT Roorkee

S.N.Gupta Memorial Lecture (Rs. 5,000/-) + Certificate

**Prof. Zulfequar Ahmad**

Professor, IIT Roorkee

Lecture Topic: " Piano Key Weirs: Advancements and Future Research "

Prof. R.J.Garde Research Award (Rs. 10,000/-) + Trophy + Certificate

## • Prof. C. T. Dhanya

Professor in Department of Civil Engineering, IIT Delhi

Jal Vigyan Puraskar (Best paper in ISH Journal) (Rs. 5,000/-) + Trophy + Certificate

### 1. Abhishish Chandel & Vijay Shankar

Paper Title : Evaluation of empirical relationships to estimate the hydraulic conductivity of borehole soil samples

### 2. Vikas Garg, Baldev Setia, Vijay Singh & Anil Kumar

Paper Title : Scour protection around bridge pier and two-piers-in-tandem arrangement

### 3. Anupal Baruah & Arup Kr Sarma

Paper Title : A quasi three-dimensional hydrodynamic model for velocity

### ISH Journal Reviewer Award 2023 Citation + Announcements

- **Prof. Somendra Mazumder, former professor at Delhi College of Engg. (DTU)**
- **Prof. S. A. Sannasiraj, IIT Madras**

### ISH Best Ph D thesis award (Rs. 10,000/- each) + Certificate

- **Dr. S. HARISH, IIT Madras**  
Thesis title: Tsunami like flow induced forces on the shorefront structure
- **Dr. Seelam Naga Poojitha**  
Thesis title: Metaheuristic Algorithms Coupled with Chaos for Design and Analysis of Water Distribution Networks
- **Dr. Gaurav Misuriya, IIT Bombay**  
Thesis title: Turbulent Flow and Scour Characteristics Around Bridge Piers over Gravel Bed

### ISH Best M Tech thesis Award (Hydraulics) (Rs. 5,000/-) + Certificate

1. **Mr. RAHUL BHARADWAJ MANGU**  
Thesis title: Reduction of Local Scour Around the Bridge Pier Using Collar and Sacrificial Piles
2. **Mr. Diwakar Saran**  
Thesis title: Surface Water - Groundwater Interaction Assessment using Modelling and Geospatial Inputs

### ISH Best M Tech thesis Award (Water Resources) (Rs. 5,000/-) + Certificate

- Ms. Akriti Singh**  
Thesis title: Examining the role of groundwater in the spatio-temporal variation of water use efficiency of terrestrial ecosystem in India.

### G.M.Nawathe Puraskar (Best Paper Presented in HYDRO 2021) (Rs. 3,000/-) + (Certificates for each author)

#### In the Experimental Category -

- **Author names: Abhishek M. Talageri, Nagaraj Sitaram, and C. Rangaraj**  
Title: Comparison of Pressure Drop Characteristics of Multistage Orifice Plate and Normal Orifice Plate in Pipe Flow (Paper ID - 125)

#### In the Analytical Category -

- **Author names: Bobbili Aravind Sai Atchyuth, Ratnakar Swain**  
Title: Design and Feasibility Study of River Interlinking in Odisha (paper ID - 98)

- **Report on HYDRO 2022 International Conference**

The 27<sup>th</sup> International Conference on Hydraulics, Water Resources, Environmental and Coastal Engineering: HYDRO-2022 International was organized by the Department of Civil Engineering, Punjab Engineering College Chandigarh under the aegis of the Indian Society for Hydraulics (ISH) Pune during December 22<sup>nd</sup> -24<sup>th</sup>, 2022. The conference received an overwhelming response and set a benchmark of excellent execution under the leadership of Dr. Baldev Setia, Chief Patron, and Director, Punjab Engineering College Chandigarh.

The inaugural function of HYDRO 2022 International was graced by Shri Gajendra Singh Shekhawat, Union Cabinet Minister in the Ministry of Jal Shakti, Delhi as the Chief Guest along with Dr. R.S. Kankara, President, ISH Pune, and Director, Central Water & Power Research Station Pune, Sh. Rajinder Gupta, Chairman, Board of Governors, Punjab Engineering College, and Er. Sanjay Srivastava,



Chairman, Bhakra Beas Management Board (BBMB) was the Guest of Honour, and other dignitaries from various organizations were also present.

The day started with the S.N. Gupta Memorial Lecture by Dr. Shivam Tripathi, Professor, Department of Civil Engineering IIT Kanpur on the Title: "Bridge Scour under pressure flow: Recent Developments and remaining Challenges" followed by various parallel technical sessions on Hydrology & Hydrologic Modelling, Environmental Hydraulics, Climate Change Impact on Water Resources & Coastal/Harbour and Ocean Engineering, Hydraulic Structure, and Hydropower Project & Geospatial Technologies in Water Resources Engineering. More than 500 Researchers from IIT, NIT, and other reputed Universities/Institutes across India are participating in the three-day conference.

The HYDRO 2022 International received an overwhelming response from academicians, researchers, consulting engineers, and administrative bodies. A total of 517 abstracts were received and 479 abstracts were accepted. A total of 324 full-length manuscripts were accepted after two reviews, and 320 presentations were made in four parallel sessions chaired by Professors from IIT, NIT, and other reputed Universities/Institutes across India.

- **Award of Fellow Membership 2023**

The Executive Committee reviewed two applications for fellow membership that were submitted in the year 2023. After a thorough and careful evaluation of the candidates' qualifications and contributions, the committee decided to grant the fellowship to both applicants Dr. Rakesh Kumar, Professor at Department of Civil Engineering, Sharda University and Dr. Madan Kumar Jha, Professor (HAG), Land and Water Resources Engg.. The fellowship was formally awarded in the GB meeting held at NIT Warangal.

- **Future Plans :**

The ISH online lecture series will be started with the aim to share the latest insights and developments in Hydraulics and Water Resources. The secretary urged the members to participate and offer their expertise in their relevant fields. The lecture series will help to enhance the ISH activities and reach a wider audience.

In addition, ISH is planning to grow its network of Local chapters and is currently reviewing few applications for this purpose like SGT University in Gurugram & Vishwakarma Govt Engineering College (VGEC) Chandkheda, Ahmedabad. The ISH website will soon announce the Local Chapter guidelines.

- **Proposal for a new post of joint-secretary in the office of ISH secretariat.**

The secretary reported to the general body that the EC meetings had considered creating a new joint-secretary position in the ISH secretariat to cope with the growing work load and activities. The general body discussed and unanimously agreed to the proposal. The following changes have been made in the corresponding sr.no. in the constitution:

#### **10. Structure of Executive Council and Members :**

The members of the Executive Council (EC) will be from among the members of the society and shall be elected through a Postal Ballet, the procedure for which will be specified. A minimum residency period of 10 years is essential after availing of ISH membership to be eligible to apply for EC Membership nomination.

The Executive Council (EC) shall consist of the President, two Vice Presidents, Secretary, a Joint-secretary, Treasurer and Editor of the Journal and other members. The minimum strength of the Executive Council shall be 7 the maximum 17, which includes 14 newly elected members and the immediate past President, Secretary and Joint-secretary. The Director of CWPRS will be ex-officio member of EC. The President, two Vice-President, Secretary, Joint-secretary and Treasurer will be elected by the EC from amongst themselves. Besides a maximum of three members can be co-opted at the discretion of the President.

Since the Secretariat of the Society is located at CWPRS, the Secretary, Joint-secretary and the Treasurer of the Society shall be from CWPRS and one of the Vice Presidents and the Editor shall be from Pune.

The affairs of the Society including financial matters shall be administered, directed and controlled subject to rules and regulations and orders of the Executive Council.

- **Proposal received for hosting HYDRO 2024 International**

A proposal to host HYDRO 2024 conference at Central Water & Power Research Station, Pune, was presented by Dr. R.G. Patil, Scientist 'E', CWPRS and Vice-President, ISH. The GB meeting approved the proposal unanimously. In addition, terms and conditions were also discussed during the EC meeting for proposing to the organizers an amount of around 2-3 lakhs to support ISH activities. These observations will be included in the terms and conditions while awarding the upcoming HYDRO conferences.

The final announcement and decision for Hydro 2024 was made in the meeting after the brief talk by Dr. R.G. Patil, Scientist 'E', CWPRS and Vice-President, ISH.

### **3.0 Treasurer's Report**

#### **3.1 Auditor report 2022-23**

During 2022-23, ISH has associated with the International conference HYDRO 2022 organized by PEC, Chandigarh. From the organizers of HYDRO 2022, ISH has received contribution of ₹ 1.32 L towards the welfare of the society. Apart from ₹ 0.8 Lakh received from ISH life and fellow memberships, ISH has also received about ₹ 5.46 lakhs from bank interests.

**So, at the end of financial year 2022-23 i.e. as on 31<sup>st</sup> March 2023, ISH had total income of ₹ 5,46,842/- and expenditure of ₹ 26,09,863/- thereby reduction in corpus of ₹ 20.63 Lakhs.**

<b>Year</b>	<b>Total Fund</b>	<b>Income</b>	<b>Expenses</b>	<b>Remarks</b>
Dec-21	56,01,509	11,61,007	19,45,782	18 Lakh payment made to T&F
Dec-22	48,16,734	6,51,918	12,78,545	10 Lakh payment made to T&F
Dec-23	41,90,107			

**During current year following are the major expenses incurred till date.**

Since last GB meeting held in December 2022, major expenses were awards and procurement of trophies amounting to about ₹ 80,000/- during HYDRO 2022 conference. Total two FDs of ₹ 5,70,209/- and ₹5,58,830/- have been encashed before their maturity to pay the demand of ₹ 10,38,787/- received from T&F for publication of ISH journal. As of 20<sup>th</sup> December 2023, ISH is having a balance of ₹4,10,884/- in the saving account. And ₹ 37,79,223/- in the form of Fixed Deposits in the Canara Bank. So, the total corpus of ISH is ₹ 41,90,107/- (Rupees Forty-one lakh ninety thousand one hundred and seven only).

#### **3.2 Position of ISH Deposit**

Fixed deposits which attained the maturity period have been renewed and re-deposited in the same bank and details are in Annexure-II.

#### **3.3 Budget for year 2024-2025**

The budget for 2024-25 was submitted and details are enclosed in Annexure III for the approval of the GB.

The Audited accounts for the year 2023-2024 and the Budget for the year 2024-25 were approved by the General body.

### **4.0 Editor's Report**

Prof M. C. Deo, Chairman, ISH-JHE Editorial Board, briefed the status of ISH Journal publication.

The ISH Journal of Hydraulic Engineering has entered into its 29th year. In this year five regular and one supplemental issue have been published. Following the publication of the supplemental issue, the number of papers published online but awaiting their scheduling in regular volumes has drastically reduced. Such publication backlog got generated because of a certain clause in our agreement with the publisher that restricted the total number of printed pages to 350 per year. However, such upper limit on the printed pages has been now completely removed as a result of change in the publisher's policy.

The Journal reaches around 3000 Institutions over the world. In last 12 months there were 23,000 downloads of its published articles from Asian as well as USA and EU countries.



The manuscript acceptance rate was at present 37 %.

Members expressed the need to ascertain the number of ISH members actually reading the Journal. This would enable us to approach the publisher and if necessary, make revision in the MoU accordingly. This may be necessary since the publication fee paid by ISH to the publisher is tagged with the maximum number of ISH members accessing the Journal under the current MoU.

At present, the Journal's CiteScore (based on Elsevier's Scopus database) is 4.5 which puts the Journal in the second from the top quarter (Q2) of all Journals dealing with water related engineering and science. Editor informed that having reduced the huge publication backlog, now the publisher is expected to approach the concerned company for assigning the Journal Impact Factor that is based on the Web of Science database. Editor however mentioned that according to many researchers, the Scopus database is more appropriate to judge the impact of engineering Journals instead of science-based ones listed in the Web of Science database.

#### 5.0 Other Points:

The discussion was also held for increasing the ISH membership fees for all categories. The proposal was discussed during the GB meeting and was approved unanimously and the following changes have been made in the corresponding sr.no. in the constitution:

##### 5. Membership Fee :

- i) The details of the fees for the individual (annual/life) membership & corporate membership are as given below :

Life Member .... ₹ 5,000/- (for all age groups)

Fellow Member .... ₹ 15000/-

Corporate Membership .... ₹ 20,000/- for 5 years

- ii) FOREIGN MEMBERS

Life Member .... US \$ 400/-

Corporate Member .... US \$ 1000/- for 5 years

The meeting concluded with vote of thanks to the Chair.

\*\*\*\*\*

President  
ISH, Pune

Secretary  
ISH, Pune

#### **HYDRO 2023 ISH Awardees Donor**

The following senior ISH members donated their awards money towards ISH activities and ISH is deeply indebted to their kind contribution.

**Prof. VIKAS GARG, BALDEV SETIA, VIJAY SINGH & ANIL KUMAR**

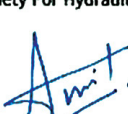

**Jal Vigyan Puraskar 2023**

**(₹ 5000)**

SCHEDULE VIII [VIDE RULE 17(1)]					
REGISTRATION NO. : F-755 (PUNE)					
NAME OF THE PUBLIC TRUST : THE INDIAN SOCIETY FOR HYDRAULICS					
BALANCE SHEET AS AT 31ST MARCH 2023					
FUNDS & LIABILITIES	SCH. NO.	Rs.	PROPERTY AND ASSETS	SCH. NO.	Rs.
<b>Trust Fund or Corpus:-</b>					
Balance as per Last Balance Sheet		24,39,985	<b>Movable properties</b>	5	74,996
Life Membership Fees received during the year		-	<b>Immovable properties</b>		-
Add:-others		-	<b>Investments</b>	6	31,02,143
		24,39,985	<b>Advances</b>		
<b>Other Earmarked Funds:-</b>			- To Employees		10,164
(Created under the provision of the trust deed or scheme or out of the Income)	1	5,49,500	- To others		-
<b>Loans - Unsecured</b>	2	-	<b>Deposits</b>		-
<b>Liabilities</b>			<b>Cash and Bank Balances</b>	7	98,230
- For Expenses	3	17,292	<b>Income Outstanding</b>	8	13,49,215
- For Duties & Taxes		-			
<b>Branch/Divisions</b>		-			
<b>Income and Expenditure Account:-</b>	4	16,27,971			
<b>TOTAL</b>		<b>46,34,747</b>	<b>TOTAL</b>		<b>46,34,747</b>

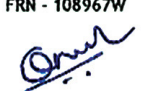
The above Balance Sheet to the best of our belief contains a true accounts of Funds And Liabilities and of the Property And Assets of the Trust


For The Indian Society For Hydraulics


(Trustees)  (Trustees)  (Trustees) (Accountant)

Date : 31/10/2023  
Place : PUNE

AS PER OUR REPORT OF EVEN DATE,  
For M R O & Associates  
Chartered Accountants  
FRN - 108967W

  
CA. Onkar Rekhawar  
(Partner)  
M.No.151485  
UDIN : 23151485BGTTRG7837







**SCHEDULE VIII**  
[VIDE RULE 17(1)]

REGISTRATION NO. : F-7555 (PUNE)


**NAME OF THE PUBLIC TRUST : THE INDIAN SOCIETY FOR HYDRAULICS**


**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31ST MARCH 2023**

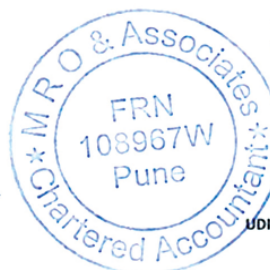
EXPENDITURE	SCH. NO.	AMOUNT	INCOME	SCH. NO.	AMOUNT
<u>Expenditure on objects of the trust - Educational</u>	11	7,475	<u>Receipts towards Object of the Trust</u>		
<u>Other Expenses</u>					
Depreciation for the year	5	23,987			
Establishment expenses	10	25,54,801	<u>Other Income</u>	8	5,46,842
To Professional Fees	12	23,600	Interest Income		
			Hydro Conference 2022-23		
To Profit carried over to Balance Sheet		-	loss carried over to Balance Sheet ( in details as far as possible)		20,63,021
<b>TOTAL</b>		<b>26,09,863</b>	<b>TOTAL</b>		<b>26,09,863</b>

AS PER OUR REPORT OF EVEN DATE,

For The Indian Society For Hydraulics

  
 (Trustees)

  
 (Trustees)

  
 (Accountant)

Date : 31/10/2023  
Place : PUNE

For M R O & Associates  
Chartered Accountants  
FRN - 108967W

(CA. Onkar Rekharwar)  
(Partner)  
M.No.151485  
UDIN:- 231514858GTTTRG7837



## Annexure- II

THE INDIAN SOCIETY FOR HYDRAULICS													
27th General Body Meeting, during HYDRO 2022 on 22nd Dec 2022													
(FIXED DEPOSIT AND SAVING BANK COMPARATIVE BALANCE STATEMENT )													
As on 18-December-2022						As on 20-December-2023							
Canara Bank(S.B A/c No. 25801010000822) Customer ID 30433962						₹ 2,32,415	Canara Bank(S.B A/c No. 25801010000822) Customer ID 30433962						₹ 4,10,884
Sr. No.	Name of Bank	Date of Deposit	Date of Maturity	Amount Rs.	Rate of Interest	Sr. No.	Name of Bank	Date of Deposit	Date of Maturity	Amount Rs.	Rate of Interest		
1	Canara Bank, Khadakwasla, P.O. R.S., Pune - 411024 (6 FDs)	26-Aug-21	26-Aug-24	800000	5.25%	1	Canara Bank, Khadakwasla, P.O. R.S., Pune - 411024 (4 FDs)	26-Aug-21	26-Aug-24	800000	5.25%		
		08-May-22	08-May-25	1663473	5.45%			08-May-22	08-May-25	1663473	5.45%		
		07-Mar-22	07-Mar-27	317886	5.50%			07-Mar-22	07-Mar-27	317886	5.50%		
		09-Mar-20	09-Mar-23	481441	6.25%			09-Mar-20	09-Mar-26	997864	6.50%		
		09-Mar-20	09-Mar-23	842524	6.25%								
		30-May-20	30-May-23	478995	5.70%								
Total FD amount with Canara Bank				₹ 45,84,319		Total FD amount with Canara Bank				₹ 37,79,223			
Grand Total				₹ 48,16,734		Grand Total				₹ 41,90,107			
(Rupees Forty eight lakh sixteen thousand seven hundred and thirty four only)						(Rupees Forty one lakh ninety thousand one hundred and seven only)							

## ISH Elections 2024 Notification

**Dear Members,**

Elections to the Executive Council of the Indian Society for Hydraulics (ISH) for the period 01.04.2024 to 31.03.2026 will be held through Postal ballot. Time Table for the conduct of the Elections is as follows.

1. Last date for receipt of Nomination forms through email : 20.02.2024
2. Scrutiny of Nomination Forms by Returning Officer : 26.02.2024
3. Date for availability of Ballot papers on the Website : 29.02.2024
4. Last date of receipt of completed ballot papers by post in ISH office at Pune : 15.03.2024
5. Announcing the results of the Election on the ISH website [www.ish.net.in](http://www.ish.net.in) : 30.03.2024

The number of vacancies to be filled through the Elections is 14. Director, CWPRS would be an Ex Officio-Member of the New Council. Immediate Past – President and Secretary, ISH would also be the Members of the New Council. Thus, there would be Seventeen (17) Members in the Executive Council, out of which a minimum of four (4) members have to be from Pune and at least 3 (three) from the Central Water and Power & Power Research Station (CWPRS), Pune.

The Members of the Executive Council will in turn elect the Office Bearers amongst themselves for following posts.

1. President : 1 post
2. Vice President : 2 Posts (out of which 1 Vice President has to be from Pune)
3. Secretary : 1 post (Secretary has to be from CWPRS, Pune)
4. Joint-secretary : 1 post (Joint-secretary has to be from CWPRS, Pune)
5. Treasurer : 1 post (Treasurer has to be from CWPRS, Pune)
6. Editor : 1 post

Nomination from amongst the Life Members on the Rolls of ISH as on 01.04.2014 (vide clause 10 of the modified Rules and Regulations in the constitution) are invited for the above-mentioned vacancies. A member can either nominate himself or can be nominated by another member. However, in the later case, consent of the nominee is needed which must be provided along with nomination papers. Otherwise, the nominations will not be valid. A nominee should also send his brief Bio-Data (not more than 100 words) highlighting his educational qualifications, present position and any other relevant information that he/she would like to mention this along with the Voting papers/ voting link via email & Website will be circulated to the eligible voters who were members on 30.09.2023.

The Nomination forms (Forms 1 and 2) are enclosed along with the newsletter. The completed nomination forms should reach the ISH Office on or before 20.02.2024.

The Secretary  
The Indian Society for Hydraulics (ISH)  
C/o Central Water and Power Research Station  
CERC Building, Room No. 111  
PO: Khadakwasla Res. Station, Pune - 411 024.  
Email: [secretary@ish.net.in](mailto:secretary@ish.net.in)



**FORM NO. 1**

***I, \_\_\_\_\_ hereby nominate myself for the post of Member of the Executive Council of the Indian Society for Hydraulics.***

***I certify that I am a member of the ISH since last \_\_\_\_\_ years.( Minimum 10 years)***

***- Signature of the Nominee***

**FORM NO. 2**

***I, \_\_\_\_\_ am the member of ISH since last \_\_\_\_\_ years.  
and hereby nominate Shri/Smt./Dr/Prof. \_\_\_\_\_ for the membership  
of the Executive Council of ISH.***

***- Signature of the Proposer***

***I, \_\_\_\_\_ agree to my nomination for the  
membership of the Executive Council, ISH as mentioned above.***

***I certify that I am a member of the ISH since last \_\_\_\_\_ years.( Minimum 10 years)***

***- Signature of Nominee***

## List of New ISH Life Members (Between July 2023 - Dec. 2023)

LM No.	Name	LM No.	Name	LM No.	Name
1604	Mrs. Pranjal Vijay Mane	1616	Dr. Sruthi T. K.	1628	Rushikesh Dipak Kamble
1605	Sunit Dattatraya Deshpande	1617	Suvalakshmi Ananthan	1629	Varada Venkata Bhargav
1606	G. V. Ramana Murthy	1618	Dr. Harish Selvam	1630	Kartikeya Mishra
1607	Chinar Garg	1619	Abdul Hakeem K	1631	Dr Madhavi Ganeshan
1608	Ananda Babu	1620	Aruna Kumar Avula	1632	Dr. Satheesh Kumar Jeyaraj
1609	Dr. Keerthi B. Gurani	1621	C Balaji	1633	Mahender Singh Bist
1610	Krupasindhu Biswal	1622	N. Sakthi Vasanth	1634	Dr. Sankar Babu Karanam
1611	Dr. Saran Aadhar	1623	Hari Ram N	1635	B. Keasavakumar
1612	Dr. Gaurav Misuriya	1624	Dr. Elango Lakhmanan	1636	Banwari Lal Meena
1613	Kadlag Chetan Kumar Sukadeo	1625	Arun R S	1637	Tarun Kumar Swain
1614	Prof. N.V. Umamahesh	1626	Vasanthakumar S	1638	Dr. Naren A
1615	Nitin Singh Kachawa	1627	Akansha Soni		

## FORTHCOMING CONFERENCES / SEMINARS

S.No.	Name of conference	Date	Venue and Contact Details
1	Advances in flood modelling and forecasting	01-02 Feb. 2024	<a href="https://www.seamlesswave.com">https://www.seamlesswave.com</a>
2	The 15th International Symposium on Ecohydraulics and Fish Passage (ISE-FP 2024)	May 5 to 9, 2024	ise-fp2024@inrs.ca Hôtel le Concorde Québec.
3	9 <sup>th</sup> Conference on Physical Modelling in Coastal Engineering	13 -16 May 2024	BlueBoxEvents@tudleft.nl
4	15th International Conference on Hydroinformatics – HIC 2024	May 27-30, 2024	Beijing China, <a href="mailto:contact@hic2024.org">contact@hic2024.org</a>
5	8 <sup>th</sup> IAHR Europe Division Congress: Water - Across Boundaries	4-7 June 2024	Lisbon, Portugal, <a href="mailto:iahr2024@lnec.pt">iahr2024@lnec.pt</a>
6	27 <sup>th</sup> IAHR International Symposium on Ice	9 to 13 June 2024	Poland, <a href="mailto:iahr-ice2024.wilis@pg.edu.pl">iahr-ice2024.wilis@pg.edu.pl</a>
7	10 <sup>th</sup> International Symposium on Hydraulic Structures (ISHS) 2024	17-19 June 2024	ETH Zurich, Switzerland, <a href="mailto:ishs2024@vaw.baug.ethz.ch">ishs2024@vaw.baug.ethz.ch</a>
8	10 <sup>th</sup> International Symposium on Environmental Hydraulics	25th – 27th June	Aberdeen, Scotland, <a href="mailto:iseh2024@abdn.ac.uk">iseh2024@abdn.ac.uk</a>
9	8 <sup>th</sup> International Conference on Estuaries and Coasts	Aug. 27 to 29, 2024	<a href="mailto:icec2024@conferium.com">icec2024@conferium.com</a>
10	32 <sup>nd</sup> Symposium on Hydraulic Machinery and Systems	Sept. 11-14, 2024	Roorkee, India, <a href="http://www.iitr.ac.in">www.iitr.ac.in</a>
11	29 <sup>th</sup> International Conference on Hydraulics, Water Resources, River & Coastal Engineering (HYDRO 2024 INTERNATIONAL) at CW&PRS PUNE, INDIA	December 2024	<a href="http://www.cwprs.gov.in">www.cwprs.gov.in</a>

*Wishing you all  
a Very Happy  
New Year 2024*



## OBITUARY



**Padma Shri Dr Zal Sohrab Tarapore**  
(25.06.1933 to 10.11.2023)

**Padma Shri Dr. Zal Sohrab Tarapore** was born on 25<sup>th</sup> June 1933, in Hyderabad, India and passed away peacefully at his residence in Pune on Friday November 10, 2023. He is survived by his wife, son and daughter.

He graduated in Civil Engineering in 1953 from the University of Edinburgh, UK, and obtained his Master's and doctorate in 1962 in Hydraulic Engineering from St. Anthony Fall Hydraulic Laboratory, University of Minnesota, USA in the field of Wave Mechanics and Sediment Transport.

**Dr. Tarapore** joined CWPRS in 1963. He made tremendous contribution in development of almost all major ports and several minor ports in the country. Due to his visionary and innovative mind, in depth knowledge in the field of hydraulics, research mind, quest for perfection and experience CWPRS entered into many new research areas keeping in mind the country's future demands. Due to his wide experience, **Dr. Tarapore** was invited as Chief Technical Advisor for the UNDP Project for Strengthening the Water Resources in Iran; Advisor to National Water Resources Council, Ethiopia; Consultant to Institute of Hydraulic Research, Hanoi, Vietnam as well as Iraq, Philippines and many more. **Dr. Tarapore** was founder member of

Indian Society for Hydraulics (ISH). It was his vision and initiative ISH was established. **Dr. Tarapore** was honoured by the Government of India with Padma Shri (1992), was Recipient of CBIP Diamond Jubilee Award (1988) and Life Time Achievement Award (2008) of ISH.

**Dr. Tarapore** retired as Director, CWPRS in 1991. After his retirement from CWPRS **Dr. Tarapore** continued his contribution to Water Resources projects in India and abroad through WAPCOS, DHI, India, and many other agencies. His contribution in several important projects of water resources over a span of six decades has left his imprint.

The strength of his character, the influence of his personality and power of his presence have left long lasting memory. During his life time **Dr. Tarapore** touched many lives. The man who inspired and motivated all who came in contact with, will continue to guide us by his exemplified human spirit, kindness and humility.

Padma **Shri Dr. Z. S. Tarapore** has been a friend, mentor, and guide to the Engineering Fraternity of India and was widely respected internationally, for his in depth knowledge and communication skills. The members of our fraternity recall, with poignancy, his immense contribution to the cause of Hydraulic Engineering in India. On behalf of all our friends and colleagues of the Water Resources, Ports, and Coastal Engineering fraternity, convey their sense of loss and dismay, to the members of the family of **Dr. Tarapore**, and pray to the Almighty for eternal peace of the departed SOUL. A great Visionary, accomplished Engineer, and mentor to the young generation of Scientists, Engineers, and Entrepreneurs, but above all, a great Human Being, he will be remembered by all

On behalf of Hydraulics' fraternity, ISH express our deep grief and sorrow for the loss of Padma Shri **Dr. Zal Sohrab Tarapore**.

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### The Indian Society for Hydraulics

as a body accepts no responsibility for the statements made by individuals.

**Amit Kulhare**, Secretary,  
on behalf of the Indian Society for Hydraulics,  
Phone No. 020-24103483

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