

Association of Hydrologists of India

Jointly with

PSG Institute of Advanced studies

organize



41st AHI

**Annual Convention and
National Seminar on Hydrology**

With special reference to
**'Hydrological Solutions for
Sustainable Development'**



1st – 2nd December 2023



'Advances in contaminant hydrology and remediation'
A Pre-conference workshop on 30th November 2023

Venue : PSG Institute of Advanced studies, Coimbatore

Organized by

Department of Biotechnology Nanotech Research Innovation & Incubation Centre

PSG Institute of Advanced Studies , Coimbatore-641004

<https://sites.google.com/view/ahi-2023/>

PSG Institute of Advanced Studies

PSG Institute of Advanced Studies (PSGIAS), an institution under PSG & Son's Charities is an approved Research Centre under Anna University, Chennai and Bharathiar University, Coimbatore to carry out and promote research in Medical engineering, Nanoscience and Technology, Material Science, Biotechnology, Nanobiotechnology, Physics and Chemistry. Having world-class infrastructures & facilities, PSGIAS has collaborations with various Universities in the US, UK, Germany and Australia for joint research and exchange programs. The institute currently undertakes several sponsored projects from funding agencies like DST, SERB, DBT, DRDO, BRNS, DAE etc., The institute also supports industrial consultancies, testing and starts for product validation and development.

Association of Hydrologists of India (AHI)

The Association of Hydrologists of India (AHI) was started in 1981 at Andhra University with the prime objective of bringing together academics, professionals and institutions engaged in various hydrological aspects of water sciences on to a single platform to evaluate and assess the status, requirements, identify the challenges and to propose a way forward. As a part of the activities AHI has been organising annual seminars on Hydrology with special thematic areas in different parts of the country and abroad. To provide a common vehicle for and effective sharing of knowledge the Journal of Applied Hydrology was started in 1988 and is being published regularly. The association also organises a number of practical training programmes on contemporary areas of relevance in Hydrology for the benefit of young scientists, professionals and the scientific community of the Indian subcontinent. In addition, a few international seminars were held in Kathmandu, Nepal and Visakhapatnam, India in addition to a few International training programmes on specific topics. The AHI also closely works with international Associations like international Association of Hydrological Sciences (IAHS), British Hydrological Society (BHS), UNCED, and national organisations like Federation of Indian Geosciences Associations (FIGA). The AHI in association with NGRI organised the 8th Scientific Assembly of IAHS and 37th Congress of the International Association for Hydrogeologists (IAH) in 2009 in Hyderabad. The Association has local chapters at Sholapur and Vadodara.

Awards during the seminar:

AHI – Dr. S.C. Puranik Award

AHI – Dr. S.C. Puranik award is being given to a selected post graduate student/ research scholar for the best paper presentation or an essay competition on a Hydrology topic to be announced on the spot, held during the seminar, and will be awarded a cash prize along with a certificate.

AHI – Phani Kishore Award

AHI – Phani Kishore award is being given to the best paper presentation at the Seminar. The selected young scientist be awarded with a plaque.

AHI Membership

The association has the system of enrolling members of different categories like Life Membership, honorary members, Student membership, Institutional membership etc. Total membership as on 31st Dec, 2022 stood at 800, out of 470 are life members. Those who wish to join as AHI members, they may visit the web site www.appliedhydrology.org or approach the Secretary, AHI at ahivizag@gmail.com.

Registration Fee

Category	Registration fee (INR) (Incl 18% GST)	
	Seminar only	Seminar + Workshop only
Academics	2360	2950
Industry	3520	4130
Research Scholar	1770	2360

Registration fee covers admission to all the seminar talks, conference lunch, refreshments and conference proceedings (ISBN number).

Filled in registration form should be submitted to

The Convener & Organizing Secretary, Dr.R.Selvakumar, email: ahipsgias2023@gmail.com

under a copy to The Secretary, AHI, email:ahivizag@gmail.com

Registration fee should be paid as per the following account details:

Account Details

Account Name : PSG Institute of Advanced Studies

Account Number : 1481412317

Bank : Central bank of India, Peelamedu Branch

IFSC code : CBIN0280913

Patron

Shri. L. Gopalakrishnan
Managing Trustee, PSG & Sons'
Charities Trust, Coimbatore

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Dr. J. Kanchana
Deputy Director, PSG IAS,
Coimbatore

Convenor and Organising Secretary

Dr. R. Selvakumar, Organizing Secretary
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PSG Institute of Advanced Studies, Peelamedu, Coimbatore – 641004
Ph. 0422 4344000 (Ext. 4328), Mobile : 73738 59061; e-mail: rsk@psgias.ac.in

Co-Convenor & Secretary

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C/o Dept. of Geophysics, Andhra University, Visakhapatnam – 530 003
Ph: +91-891-2575500 (office), e-mail: ahivizag@gmail.com

AHI Executive Council

Prof. P. Rajendra Prasad - President Prof. M.S. Mohan Kumar - Vice President
Prof. D.T. Shete- Vice President Prof. P. Rama Rao- Secretary
Prof. N.V.B.S.S. Prasad - Treasurer Dr.S.K.Vadagabalkar - Joint Secretary
Prof. C. Subba Rao - Editor of Publications Sri.B.A.Raju - Joint Secretary
Dr. P.N. Ballukraya - Member Prof. T. Vinoda Rao - Member
Dr. Girish Gopinath - Member Dr. Y. R. Satyaji Rao – Member
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Prof. L. Elango – Member Dr. D.R. Prasada Raju - Member
Prof. B.Venkateswara Rao - Member Dr. M.John Satya Raju - Member
Shri. K.V. Phani Kishore - Member Head, Dept. of Geophysics - Member
Solapur Centre: Dr. S.K.Vadagabalakar Vadodara Centre: Prof. TMV Suryanarayana

Organizing Committee

Dr. R. Selvakumar
Professor and Head
Department of Nanobiotechnology, PSGIAS

Dr. Priyadharshini Veeraraghavan
Assistant Professor
Department of Nanobiotechnology, PSGIAS

All correspondence to:

Dr.R.Selvakumar, Convener & The Organizing secretary

Dept. of Nanobiotechnology, PSG institute of Advanced studies, Coimbatore.

email: rsk@psgias.ac.in Phone: Ph. 0422 4344000 (Ext. 4328), Mobile : 73738 59061

Objective

The deficit of water for domestic and agricultural usage is becoming a global reality due to rapid urbanization, growing population and energy production. Climate change adds to the existing list of issue that alters the water dynamics of a region leading to high water temperature, frequent floods and water scarcity. In an intrinsically connected environment, the change in water yield leads to uncertainties and threats to water, food and energy security. It ultimately affects achieving the SDGs like Clean water and Sanitation, Climate action and Life on land by 2030. The main objective of the National Seminar is to bring together hydrologists, hydrometeorologists, water resource engineers and managers, policy makers and N.G.O.s to report results, problems and exchange ideas under this umbrella

Participants

The summit focuses on researchers, scientists, engineers, academicians, managers, policy makers, volunteers working in different aspect of hydrology, water resources development and management and hydrometeorology

Seminar Themes

- Impact of natural and anthropogenic activities on water resources- Mining and geo-hydrology
- Advances in water resources mapping and assessment
- Emerging contaminants in water resources systems
- Sustainable water resources in changing climate
- Recent trends in treatment of natural and contaminated waters- recycle and reuse
- Geospatial techniques and data analytics
- Governance to address future water challenges
- Natural hazards and risk assessment in hydrology
- Unsolved problems in Hydrology

Call for papers

Papers are invited on the topics outlined above and others falling within the overall theme of the Seminar. Papers should have abstracts limited to 200 words broadly covering the purpose, results and conclusions of the work. Acceptance of the paper(s) will be based on the recommendations of the screening committee and willingness of the author(s) to present the same at the seminar. Each participating author/ co-author needs to register separately.

Submission of Abstract, Preworkshop participation and registration form to the organizing Secretary: 10th November, 2023

Travel assistance:

Limited travel assistance will be provided a few students and young researchers.

Accommodation:

Limited accommodation is available on the campus. However, hotel accommodation at very reasonable tariff ranging from Rs. 1500 to 5000/- is available close to the campus. Those needs assistance for arranging accommodation needs to fill the requirements in the registration form with advance payment.

Pre-conference workshop on “Advances in contaminant hydrology and remediation” 30th November 2023

There has been a paradigm shift in the water resources sector from development to management. This shift has visible impact on both water quality and water resources. For reasons beyond comprehension, water quality is being given due importance only during recent times. Added to these, developments in pharma, medical, chemical and agricultural areas have resulted in the emergence of emerging contaminants, which have become a menace to the environment in general and water resources in particular. It is in this context a pre-workshop is being organised. Delegates Registered in pre workshop will also be registered automatically for the following AHI Seminar. They can register through proper channel and intimate the Secretary, AHI by email given. Number of participants for workshop is limited. **Last date for the submission of Abstract, Pre-conference workshop participation and registration on or before 10th November, 2023.**

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41st AHI NATIONAL SEMINAR ON HYDROLOGY

1st – 2nd December 2023

REGISTRATION FORM for Seminar / Workshop

Submit before on or before 10th Nov,2023

1. Name in Full :
2. Designation :
3. Organization :
Telephone : Off :
Res :
Fax :
E-mail :
4. Whether presenting a paper : YES / NO
5. Whether attending both Seminar/Workshop : Both Workshop & Seminar
Seminar only
6. Accommodation requirements : Tariff range to be mentioned
Advance payment be made
7. Registration Fee payment details : Amount paid: Rs.

Registration fee to be paid as per the account details given below:

Account name	:	PSG Institute of Advanced studies
Account no.	:	1481412317
Bank	:	Central bank of India, Peelamedu Branch, Coimbatore
IFSC code	:	CBIN0280913
