



Inland Fisheries Society of India (IFSI), Barrackpore
College of Fisheries, G.B. Pant University of Agriculture & Technology, Pantnagar
Aquatic Ecosystem Health & Management Society, Canada
ICAR-Central Inland Fisheries Research Institute, Barrackpore
Professional Fisheries Graduates Forum, Mumbai

Announces

CONFERENCE

on

**Ecosystem Health and Fisheries of Indian Inland Waters:
Multiple Stressors, Management & Conservation**

AEHMS 12



Date:

February 17-19, 2020

Venue:

**G. B. Pant University of Agriculture & Technology
Pantnagar, Uttarakhand, India**

BACKGROUND

In recent decades, India's inland waters, and especially her rivers, have been exposed to various anthropogenic stresses. Many rivers are severely impacted as a result of channel and bank modifications, flow regulation and fragmentation, chemical and organic pollution, etc. Because of these misuses, several long reaches of rivers remain completely dry for large parts of the year. Consequently, flood plains are lost and river beds are even cultivated during dry periods. As a result of such habitat degradation, fish catches have greatly declined, the size of important indigenous fish species has decreased, and fish recruitment has been seriously affected.

The impact of human activities is already manifesting and is reflected by declining fisheries, increasing incidence of floods, lowered groundwater tables, and growing incidence of waterborne diseases. Since independence in 1947, India has witnessed rapid, unplanned urbanization in addition to industrialization and intensification of agriculture. As a consequence, the natural environment has deteriorated including the water quality of many Indian rivers and at a rapid pace. One of the major reasons for this is the release of untreated wastewater to the rivers. It is indeed a matter of concern that out of the world's 30 river basins identified as global level priorities for maintenance and protection of aquatic biodiversity, nine of these are Indian, namely: Brahmaputra, Cauvery, Ganges, Godavari, Indus, Krishna, Mahanadi, Narmada, Pennar, and Tapi. Organizing this conference is a collective effort of Inland Fisheries Society of India (IFSI), G.B. Pant University of Agriculture and Technology (GBPUAT), Aquatic Ecosystem Health & Management Society (AEHMS), ICAR-Central Inland Fisheries Research Institute (CIFRI), and Professional Fisheries Graduate Forum (PFGF).

Inland Fisheries Society of India (IFSI), one of the oldest scientific societies in India, is celebrating its 50 years of scientific acumen and responsibility through partnering this conference. The Society promotes fisheries research and development in Asia. It regularly organizes national and international scientific events and has the distinction of uninterrupted publication of *Journal of the Inland Fisheries Society of India*, a leading journal in the field of fisheries, since 1969. In recent past, IFSI organized or participated in PAF congress on Public –Private Partnership in Aquaculture and culture Based Fisheries in 2013, 29th All India Congress of Zoology and International Symposium on Culture Based Fisheries in Inland Open Waters and International Satellite Symposium on Fish Immunology; National Seminar on Priorities in Fisheries and Aquaculture, and International Workshop on Bioinformatics in Fisheries and Aquaculture in 2017.

Govind Ballabh Pant University of Agriculture and Technology, also known as '*Pantnagar University*', is the first agricultural university of India which pioneered the agricultural education in India and other countries and made the model for other agricultural universities. It is one of the best State Agriculture Universities with a sprawling campus and is regarded as the Harbinger of Green Revolution in the country.

Aquatic Ecosystem Health and Management Society (AEHMS) encourages and promotes holistic initiatives for the protection and conservation of global aquatic resources. The AEHMS has been actively engaged with aquatic researchers in India for almost two decades (since 2001). It regularly organizes seminars/conferences in different parts of the world on aquatic ecosystem health and management. In India, a special symposium was organized by the Society during the 8th Indian Fisheries Forum. It was a great opportunity for the Society to participate and organize a two-day symposium on **“Health and fisheries of major river ecosystems of India with emphasis on River Ganga”** in collaboration with ICAR-CIFRI under the aegis of the 100th Indian Science Congress (ISC) at Kolkata in January, 2013. Papers from this historical symposium during 100th ISC resulted in the publication of special issues of Aquatic Ecosystem Health & Management devoted to the Ganges and major rivers of India (AEHMS, 2013, 2017).

ICAR-Central Inland Fisheries Research Institute is the first Institute in India in the field of inland fisheries research, extension and training. The Institute has an impressive track record of providing research support for the country's inland fisheries development since its inception in 1947. Technologies developed by the Institute have paved the way for aquaculture development and blue revolution,

sustainable production enhancement from reservoirs and wetlands, health management of rivers and associated ecosystems, fisheries resource assessment and database development, human resource development of the country, etc.

Professional Fisheries Graduates Forum (PFGF), a national body of Fisheries graduates in India, with its headquarters at Central Institute of Fisheries Education, Mumbai, works for fisheries education, research and overall development of fisheries sector in the country. It promotes the development of fisheries professionals, advancing fisheries and aquatic science and promoting conservation and sustainable development of fishery resources and aquatic ecosystems.

Our event is planned as a major environmental gathering designed to provide an inter-disciplinary forum for interaction amongst experts, researchers, managers and students to exchange ideas, share information, build common projects and formulate a consensus to conserve ecosystem health and the biodiversity of Indian inland waters. It is expected that delegates from all over India and abroad will attend the conference, deliver keynotes, and lead discussions about current topics on Indian aquatic resources.

THEMES

This conference aims to cover latest research and development on the inland waters of India. It will examine the themes through the special sessions, contributed papers, expert group discussions and brain storming on ecosystem health and inland fisheries in India and around the world. For the conference, we welcome participants who wish to give presentations which fall under one or more of the following specific sub-themes for this conference:

Ecosystems of Inland Waters

- Structure and function of food webs
- Ecology and health of native ecosystems
- Fishes and fisheries

Impact of Multiple Stressors

- Invasive species: vectors and effects
- Nutrient enrichment and eutrophication
- Contaminants and pollution
- Global warming: Adaptation and mitigation
- Impact of climatic events: Monsoon, floods, hurricanes/cyclones

Ecosystem Assessment, Monitoring, Tools and Techniques

- Monitoring and developing long term data sets
- Ecosystem and food web modelling
- Ballast water treatment techniques
- Risk assessment
- Environmental Impact Assessment
- Innovative aquaculture
- e-DNA technology and application

Ecosystem-based Management

- Conservation of biodiversity and habitats
- Institutional arrangements and governance issues in relation to aquatic ecosystem health and development
- Ecosystem services and resource management
- Fisheries policy and governance
- Livelihoods and industry

SPECIAL SESSIONS

The Conference will also organize special sessions for discussion on following contemporary issues:

- **Climate Change Adaptations: Tools & Techniques**
- **Towards Developing Blue Economy in India**
- **Climatic Events – Floods, Monsoons, Hurricanes & Cyclones**

SUBMISSION OF ABSTRACT AND PAPER

Abstract submission for the conference is online only through the **AEHMS 12** conference website <http://conferences.aehms.org>. It is open till 28th October, 2019. Abstracts should be synthesized from the objectives, methods, results, and conclusions of your paper. They should be limited to 300 words. If you would like to make a minor edit or correction to your abstract after it has been submitted please write directly to the secretariat instead of creating a new submission. Do not include tables, figures, or citations/references in the abstract.

Publication Plans

Selected presentations of the conference will be invited for submission of their full papers which will be considered for publication, subject to peer review, in a special issue of the ISI rated journal *Aquatic Ecosystem Health and Management*, or in the *Journal of the Inland Fisheries Society of India*.

REGISTRATION

Desiring participants are requested to register beforehand to avoid late fee, which will be applicable beyond 3rd January, 2020. Registration can be done with payment of registration fee given below:

For Indian nationals

Standard Registration – ? 7000 Student Registration – ? 4000 Late Fee – ? 2000

For International Participants

Standard Registration – \$300 USD Student Registration – \$150 USD Late Fee – \$50 USD

- **Indian participants** may make payment by Demand Draft drawn in favour of “**Organizing Secretary, 'GBPUAT-AEHMS-CIFRI conference on fisheries'** payable at Pantnagar (SBI/PNB/Union Bank / UCO Bank), U.S.Nagar - 263145, India.
- **Indian participants** may also make payment through online transfer of money through NEFT to Current A/c. No- 4446002100002388, Punjab National Bank, IFSC code PUNB0444600 in name of the “**Organizing Secretary, GBPUAT-AEHMS-CIFRI conference on fisheries**”.
- The Transaction ID and associated details may be intimated through email to Dr. Ashutosh Mishra ashutosh36in@yahoo.co.in to keep update of Registration process.
- **International participants** may make payment online through the link <http://conferences.aehms.org/aehms12/registration/>
- Registration can also be done at the Conference site with payment of late fee.

AWARDS

To felicitate achievements and accomplishments of outstanding Professors, Researchers and Scientists will be honoured for their significant contribution in the field of Fisheries Science.

Best Presentation Award - The best presentations made by a young scientist (up to 35 yrs) and a senior scientist (above 35 years) will be awarded with medal and scroll.

Best Poster Award - The best poster will be awarded with a medal and scroll.

IFSI Gold medals for distinguished researchers - IFSI will felicitate distinguished researchers in the field of fisheries science with medals instituted in the name of Late Dr. Hiralal Choudhury, Dr. S. Ayyappan, for researchers in 35-45 age groups and in the name of Dr. J. K. Jena and Prof. A. P. Sharma for researchers below 35 years. For these Gold medals, eligible researchers may send three copies of their biodata and full paper of the work they intend to present in the Conference, in an envelope to the address 'Inland Fisheries Society of India, ICAR-CIFRI, Barrackpore -700 120, Kolkata, West Bengal'. Please note to write 'Application for IFSI Gold Medals' on the envelope. The document should reach to the IFSI by 31st December, 2019.

ACCOMMODATION AND TRAVEL

Limited accommodations are available in the guest houses of GBPUAT, Pantnagar. Participants may book their accommodation at any hotels near the venue. Common transport will be arranged from the following hotels to the venue of the conference at fixed times. Delegates are requested to arrange their TA/DA on their own.

The details about hotels are given below. For further information Dr. Vipul Gupta, Associate Professor (Mob: 7500241558, email: vipulgupta24@yahoo.com) may be contacted.

Rates for Hotels at Rudrapur Town (10 km from Pantnagar) as per package deal with the University

1. Hotel Ginger (3 Star)

Rs.1700/- single occupancy; Rs.2200/- Double occupancy (GST extra; Complimentary Breakfast)
Email ID for Booking : reservations.pantnagar@gingerhotels.com and copy to sales.pantnagar@gingerhotels.com and vipulgupta24@yahoo.com
Hotel reception no. : 05944 666401; Contact person : **Mr. Dinesh Dhami**, M : 9536335049

2. Rosewood Apartment Hotels

Amazon Tower - B, Omaxe Riviera, Pantnagar 263153
Rs.2200/- single occupancy (Studio/Deluxe Apartment); Rs.2700/- double occupancy (Studio/Deluxe Apartment); Rs.2800/- single occupancy (One Bedroom Apartment); Rs.3300/- double occupancy (One Bedroom Apartment) (GST extra, With Complimentary Breakfast)
Contact Person: **Sameer Upadhyay**, Operation Manager; Tel: +91 5944 249500; M: 91- 9760807444, +91 9557791446; Email : gm@rosewoodhospitality.com copy to vipulgupta24@yahoo.com

3. Hotel Radisson Blu (5 Star)

Rs.4500/- single occupancy; Rs.5500/- Double occupancy; Rs.6500/- Triple occupancy (GST extra; Complimentary Breakfast)
Contact Person: **Chandan Singh Bisht**, Deputy Manager Sales; Tel: 05944259500, M: 91-8171000114 ; Toll Free No: 18003135500; Email : chandansingh.bisht@rdrudrapur.com copy to vipulgupta24@yahoo.com

Sightseeing : After the conference, trips to nearby destinations for sightseeing will be arranged on request and payment basis. The details would be provided in the conference website soon.

Exhibition and Trade Show : The Conference will provide a platform for research institutions, equipment manufacturers, chemical suppliers, laboratory service providers, feed suppliers, farms & hatcheries specialists, book publishers and distributors *etc.*, to showcase their products and services. 10 feet x 10 feet stall will be provided to each exhibit/show for a fee with applicable service tax. The cost includes registration to the Conference for two persons, and a space in the program book for a half-page advertisement. Please contact the conference local secretaries for more information.

REACHING PANTNAGAR

Pantnagar, the University town, is 250 km away from Delhi on the Delhi-Nainital highway and 350 km from Lucknow on the Lucknow-Nainital highway. Regular buses ply from ISBT (Anand Vihar) Delhi to Rudrapur, Haldwani and Nainital. Some buses may not come directly to Pantnagar but divert at Rudrapur, which is only 14 km away from Pantnagar. From Rudrapur, there is regular taxi service to Pantnagar between 7.00 AM to 8.00 PM. If informed well in advance, vehicle will be arranged to pick the delegates from Rudrapur. There is direct flight from Delhi and Dehradun to Pantnagar.

Haldi Road is the nearest railway station (3 km from the campus) on the broad-gauge and Pantnagar railway station (5 km from main campus) on the meter-gauge. Lal Kuan is the next stop after Haldi Road station and is 10km from the Pantnagar University main campus.



Trains : Delhi To Pantnagar

Train Name	Train Number	From	To
Uttaranchal Sampark Kranti Express	15035	Delhi (16:00)	Lalkuan (21:20)
Ranikhet Express	15013	Delhi (22:05)	Lalkuan (03:50)
New Delhi – Kathgodam Shatabdi Express	12040	Delhi (6:20)	Lalkuan (10:40)

Pantnagar to Delhi

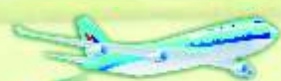
Uttaranchal Sampark Kranti Express	15036	Lalkuan (09:45)	Delhi (15:25)
Ranikhet Express	15014	Lalkuan (21:35)	Delhi (03:55)
Kathgodam - New Delhi Shatabdi Express	12039	Lalkuan (16:23)	New Delhi (20.50)

Lucknow to Pantnagar

Bagh Express	13019	Lucknow (00:01)	Lalkuan (08:05)
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Pantnagar to Lucknow

Bagh Express	13020	Lalkuan (22:50)	Lucknow (05:55)
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Flights : Delhi - Pantnagar

New Delhi– Pantnagar Air India flight			on Wednesday, Friday, Saturday & Sunday
AI 9815	Delhi (Del) 9.55 Hrs	Pantnagar (PGH) 10.55 Hrs	
Pantnagar – New Delhi Air India flight			
AI 9816	Pantnagar (PGH) 14.10 Hrs	Delhi (Del) 15.10 Hrs	

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On behalf of the organizers and the Society, we feel elated to invite you and your colleagues to participate in the conference and make it a grand success. Looking forward to welcome you at G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand, India.

Important Dates to Remember

**Last Date for Submission of Abstract : 28th October 2019
Acceptance of Abstract : 27th December 2019
Last Date for IFSI Awards : 31st December 2019
Last Date for Submission of Full Paper : 15th May 2020**

**For more details kindly visit
<http://conferences.aehms.org>
ifsi.res.in**



Contacts

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