

# Announcement

## Training programme on “Advance methodological approach on Benthos in the Inland open waters”

27-29 December 2022



Last date of receipt of application: 21.12.2022

### Background

The ICAR- Central Inland Fisheries Research Institute (ICAR-CIFRI) is a pioneer institute in India with significant contributions in the Inland fisheries sector. ICAR-CIFRI has carried out benchmark studies on the field of ecology and fisheries of major rivers, estuaries, lakes, reservoirs and wetlands spread across the country. The institute strives for knowledge- based management of Inland waters for sustainable fisheries, conservation of biodiversity, integrity of ecological services and to derive social benefits from these inland open waters. The Institute is ISO 9001: 2008 certified and provide world class service standards.

**Theme :** Studies on benthic community dynamics and their ecological interactions with the co-existing organisms are the most relevant measures to comprehend the niche adaptation in the ecosystem. Macro-invertebrates are being used for biomonitoring of the water body coupled with understanding the wealth and integrity of the ecosystem. Thus, the advance methodological approach on morpho-taxonomy of benthos, identification and their taxonomic review is crucial to understand the benthic community assemblage and their interaction with the abiotic environment. Albeit, several studies have been initiated with renewed knowledge of benthic diversity, majority of them are confined to marine and coastal realm. Studies on benthic diversity are still lacking in the inland water bodies (lakes, rivers, reservoirs, estuaries) where it requires special attention to study in-depth from the taxonomic point of view. Keeping this objective, ICAR-Central Inland Fisheries Research Institute is organizing a training programme on ‘Advance methodological approach on Benthos in the Inland open waters’ will be a suitable arena to have both theoretical and hands-on training for collection, preservation, enumeration and morpho-taxonomy of macro and meio benthos in Inland open waters.

### Patron

Dr. B. K. Das, Director, ICAR- Central Inland Fisheries Research Institute Barrackpore, Kolkata, West Bengal, India

### Contact person

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### Broad content

1. Advances in collection, identification and enumeration of benthos in inland open waters
2. Morpho-taxonomy of freshwater macrobenthos and habitat specificity
3. Processing and taxonomic evaluation of estuarine benthos
4. Multivariate approach for studying benthic community assemblage

The training programme is open to Scientists/ University professors/ Students PG/ research scholar/technical staffs. Maximum of 15 participants will be selected based on their experience and area of work.

No TA/DA will be provided. The participant may avail the Boarding / lodging facility of the institute as per the tariff of ICAR-CIFRI.

**Training fee:** Rs. 1,000/- per participant, for ICAR staff no training fee.

**How to apply:** Interested personnel may apply through proper channel along with dully filled registration form. The fee can be paid in form of Demand draft/NEFT/RTGS in favour of “ICAR Unit-CIFRI” payable at State Bank of India, Barrackpore, Kolkata-700120, (Account No. 11278713220; IFSC code SBIN0000029).

### Online application link

[https://docs.google.com/forms/d/e/1FAIpQLSezSNgNpkFQ6y879ZhO\\_A62Y4-38AOFGLIHuY9w9ghwSSjEBg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSezSNgNpkFQ6y879ZhO_A62Y4-38AOFGLIHuY9w9ghwSSjEBg/viewform?usp=sf_link)

Organized by: ICAR-Central Inland Fisheries Research Institute  
Venue: ICAR-CIFRI, Barrackpore, Kolkata