



Organisers



Field School on “Exploring the Food-Energy-Water Nexus in River Ecosystems”

Under the Scheme for
Promotion of Academic and Research Collaboration (SPARC),
India Science, Technology & Innovation, Government of India
&
National Mission for Clean Ganga, Ministry of Jal Shakti
(Department of Water Resources, River Development and
Ganga Rejuvenation), Government of India

Duration
21 - 26 October 2024

Venue
ICAR-Central Inland Fisheries Research Institute
Barrackpore, Kolkata – 700 120, India

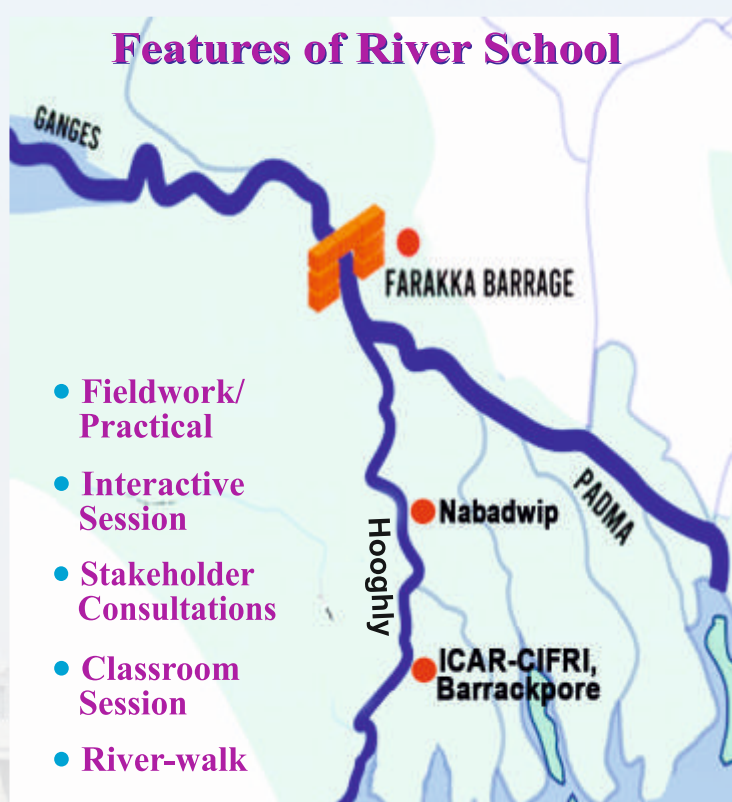
Course Directors
Dr. Basanta Kumar Das
(ICAR-CIFRI)
Dr. Saket Pande
(TU Delft)
Dr. Santosh G.Thampi
(NITC)



For Application ▶  **SCAN ME**



Features of River School



Introduction

River basins are crucial ecosystems that provide water for agriculture, energy, industry, and domestic use, as well as support biodiversity and ecosystem services. However, these vital resources are facing increasing pressures from water diversion, climate change, and unsustainable land use practices. The proposed river school aims to educate and engage stakeholders in understanding and managing the interlinked dynamics of food, energy, and water in river ecosystems.

Learning Objectives

- Educate participants on the interdependence of food, energy, and water systems within river ecosystems.
- Hands-on training in ecosystem services assessment techniques
- Development of skills to assess river health
- Stakeholder engagement and participatory decision-making processes
- Create a platform for knowledge exchange between experts in ecology, hydrology, geology, and social sciences.

Course content

- River as socio-ecological system
- River health assessment
- The river ecosystem services framework
- Hydrological modelling
- Indicators of hydrological alterations
- River walk
- Stakeholders engagement
- Case studies analysis

Onsite field School costs for the registered participants: The field school will be conducted at three different sites along the river Ganga, from Kolkata to Farakka. All onsite field school costs for registered participants, including accommodation, field visits, and local tours via road or river, are covered. However, all participants are responsible for the costs of travel to the venue of field school

Registration Fees: ₹5000/- (100 \$) per person

Who can apply ?

Our River School welcomes a diverse group of participants committed to sustainable river ecosystem management. We invite hydrologists, ecologists, fisheries scientists, soil scientists, water managers and social scientists who share a passion for environmental stewardship. Participants should be eager to implement interdisciplinary approaches to address the complex challenges faced by our rivers.

How to apply?

Interested participants may fill out the online form (via QR Code/link <https://forms.gle/WVkwzTUhAsqJqQ2H7>). Selected candidates will be informed regarding their confirmation of the selection via email.

Last date of acceptance of the application: 30th September, 2024

Modes of Payment:

Payment may be made only after confirmation of participation. Participants may pay at the time of registration through Online/Cards/QR Code.

For any queries, please contact:

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