Duration of the Training

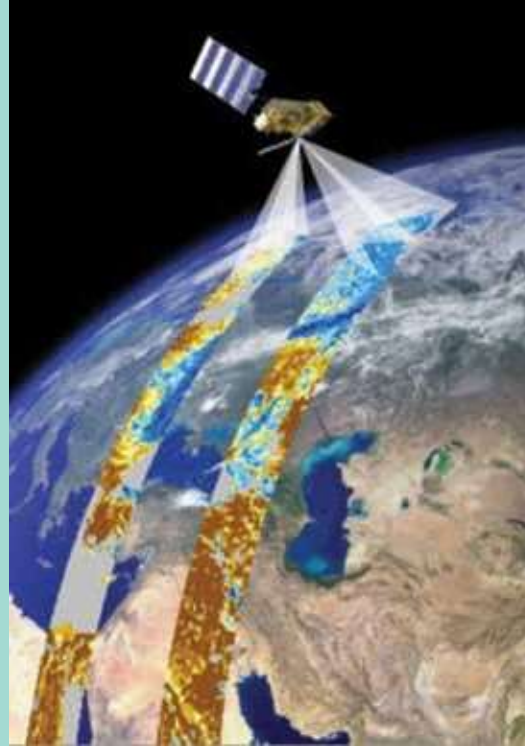29th April to 1st May, 2024
Time: 9.30 am to 5.30 pm

Training Fee

NIL

Who can join this Training

- Graduate in Science
- Working knowledge of Computer (Participants have to bring their own laptop)
- Researchers under NMCG project

Location of Training

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

Contact

For further query, please contact

Course Director

Dr. Basanta Kumar Das, Director
ICAR-Central Inland Fisheries Research Institute
Barrackpore, Kolkata – 700 120

Course Coordinator

Mr. S. K. Sahu, Scientist
ICAR-Central Inland Fisheries Research Institute
Barrackpore, Kolkata – 700 120
Sksahu_2k@yahoo.com
Mob.No.:+918240643944

Training programme on

"A Fundamental Training Programme for GIS Mapping"

29th April to 01st May, 2024

Organized by

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

GIS Training at QGIS

Geographic Information System (GIS) plays a key role in planning, data collection, analysis and drawing meaningful interpretation that facilitate judicious 'decision making' for Inland Fisheries Management. It enhance the capability of researchers in geocoded data collection, geodatabase development, spatial analysis, spatial data presentation and spatial prediction. It applies suitable techniques, implements correct tools from various geospatial softwares for natural resource management. Open source software are licensed software free to use, modify redistribute and no one has exclusive control on the software. Presently open source software available worldwide for various purposes. A huge group of user are using open source software.

"Open source" refers to public accessibility to something, which a person can modify and share. Having it's origins in the context of software development, the term "open source" designates a specific approach to creating computer programs. The source code of a software that anyone can inspect, modify and enhance, is an open source software.

This course therefore aims to build and update concept of geographic Information system and geo–coordinates, which will provide knowledge of different context of spatial analytical techniques and software implementation for fisheries data. The training course is mostly practical oriented, although the theory will be explained to build up concept. After theoretical deliberation, practical session will be followed with open source GIS software(QGIS). The focus will be more on Data presentation on map and Map creation and Thematic map preparation, leading to the inland fisheries management.

.

About the Institute

ICAR-Central Inland Fisheries Research Institute (ICAR-CIFRI), an ISO 9001: 2015 certified, is a premier fisheries research institute in India since 1947. The Head Quarter of the Institute is located in Barrackpore, Kolkata – 700 120. With more than 75 years of national and international presence in the field of inland open water fishery, ICAR-CIFRI is extending its expertise and facilities for direct benefit of the fisher community, private and public organizations, academic institutions, and state departments. Research activities are conducted through five divisions: Riverine Ecology & Fisheries (REF), Reservoir & Wetland Fisheries Management (RWF), Fisheries Resource Assessment & Informatics (FRAI), Fisheries Enhancement & Management (FEM), and Aquatic Environmental Biotechnology & Nanotechnology (AEBN). The Institute has been awarded with the Sardar Patel Outstanding Research Institute Award 2020 by the ICAR in the large Institute category.

Objectives of the Training

•To introduce the open source GIS software

•To strengthen the knowledge and concept of

Geographic Information System

•To get acquainted with open source GIS

software QGIS for thematic map preparation

APPLICATION FORM

Name of the applicant:

Nationality:

Educational qualification:

Date of birth:

Sex:

Designation/ Present position:

Organization/Affiliation:

Address for correspondence:

E.mail address:

Cell phone /Whatsapp number:

Level of knowledge of GIS and Computer usage :

Date: **Signature of applicant**

**Signature of competent/
forwarding authority**