

**3 Days Field based Hands-on Training Program on
VULNERABILITY ASSESSMENT STUDY OF
EAST KOLKATA WETLANDS THROUGH THE
APPLICATION OF GEOSPATIAL TECHNOLOGY**

An initiative by the
Centre for River Affairs, SAIARD

Date & Time

3 – 5 April, 2023

@ 12 pm – 4 pm

Venue

SAIARD,

87/210, Raja S.C. Mallick Road, Kolkata – 700047

6289169916, 86177 08435; saiardkolkata@gmail.com



Concept

Dr. Dhrubajyoti Ghosh, an engineer-ecologist, who studied this neglected part of the city and came across an incredible finding - that the EKW function as kidneys for the city, efficiently converting harmful matter from the sewage generated by the city, into useful by products that can be used to generate food for its residents!

This natural wetland, spread over 12,500 hectares on the eastern side of the city of Kolkata is now recognised as a Ramsar site and is known to be one of the largest wastewater fed aquaculture systems in the world, providing fishing opportunities for locals and supporting paddy and vegetable cultivation in small plots in and around the wetland.

However, the growing needs of the urban population and a real estate development boom are now threatening to gobble up these ecosystems, that have helped the city survive for so long.

Through this workshop we'll try to find out the level of vulnerability through both field visit as well as through the application of GIS-RS Techniques.

Who can join ?

College/ University Students, Research Scholars, Faculties & officials

Registration Fees: 1200/- [Twelve hundred only]

(Including Training, Lunch & Certificates. Excluding TA, DA & Accommodations)

Seat Limitations: 30

(Application will be considered as first come first served basis)

Certificate will be provided on behalf of SAIARD after its successful completion. 3 days attendance is must to get the certificate.

For Bank Details & Registration:



www.saiard.co.in

Day - 1 [3 Apr, 2023]

Venue - SAIARD Lab



- ❖ Inaugural Session
- ❖ Keynote Lecture
- ❖ Lunch Break
- ❖ Technical session:

EKW - its different verticals & relevance

- ❖ Know how about the field

Day - 2 [4 Apr, 2023]

Venue - EKW Field

- ❖ Field Visit and Data Collection
- ❖ Lunch
- ❖ Landuse & GNSS Survey



Day - 3 [5 Apr, 2023]

Venue - SAIARD Lab

- ❖ Data Sampling
- ❖ Geospatial Data Processing & Mapping
- ❖ Lunch
- ❖ Analysis & Interpretations
- ❖ Generation of Report
- ❖ Valedictory & Certificate Distribution

