Short Term training Programme on

Remote Sensing Technology in

Aquatic Environmental Management

15-20 January, 2018

Organized by

ICAR-Central Institute of Fisheries Education (CIFE),
Mumbai-400061

Application Form

Name & address of candidate:.....

Organization address (in case of sponsored):.....

Date of birth: .....

Qualification: .....

Gender: Male/Female

Address for correspondence: .....

Email: .....

Mobile No:..... Fax:.....

Teaching/Research/Professional
experience during last 5 years:.....

Mention if you have participated in any
training / short course during the previous years:.....

Signature of the applicant with date

Recommendation of the institute

Signature & designation of the sponsoring authority

PROGRAMME DIRECTOR

Dr.Gopal Krishna

Director

ICAR-CIFE, Mumbai - 400061

COURSE DIRECTOR

Dr.K.V. Rajendran

Head, AEHM Division,

ICAR-CIFE, Mumbai - 400061

COURSE COORDINATORS

Dr. Vidya Shree Bharti

Scientist (SS)

Mobile No (7666143790)

Mr. Vinod Kumar Yadav

Scientist (SS)

Mobile No (9833426880)

Important dates:

Receipt of applications:

30th November 2017

Acceptance/Confirmation:

15th December 2017

All future correspondences may kindly be directed
to the address below

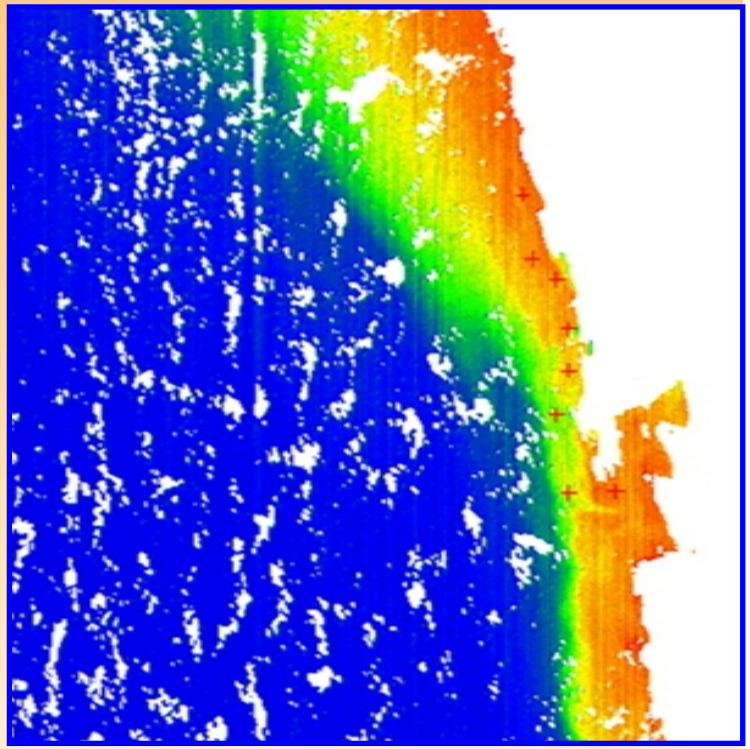
Dr. K.V. Rajendran
Course Director
Principal Scientist & Head,

Aquatic Environment and Health Management Division
ICAR-Central Institute of Fisheries Education
Panch Marg, Off Yari Road, Mumbai-400 061, India
Fax: 02226361573
Email: kvrajendran@cife.edu.in

Short-term Training Programme on

"Remote Sensing Technology in Aquatic Environmental Management"

ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION



ICAR-Central Institute of Fisheries Education,
(Deemed University, ICAR)Off Yari road,Panch Marg,
Versova, Mumbai 400061

Preamble of the training course

In all regions of the world, aquatic environment (coastal or Inland) is under increasing levels of environmental stress, due to anthropogenic intervention as the large number of people are using them as a resource. Information on the composition and condition of these water bodies and their benthic environments is a critical piece of knowledge for development and application of management practices. Due to the large and dynamic nature of aquatic environment, remote sensing offers a potential source for this information. The use of remotely-sensed data in aquatic resource mapping and as a source of input data for environmental processes modeling has been popular in recent years. The availability of remotely-sensed data from different sensors of various platforms with a wide range of spatio-temporal, radiometric and spectral resolutions has made remote sensing, perhaps, the best source of data for large-scale applications and study. Remote sensing can be applied for retrieval of parameters, change detection, hydrological modeling and remote sensing of freshwater, ecosystem analysis and ecosystem based management.

Training content:

Basics of remote sensing

Sea DAs Software

Free Sources of Imagery (Oceancolour website)

Image processing for retrieval of chlorophyll

Image processing for retrieval of other parameter

Application of OCM-2 image in Aquatic Environment Management

Application of LISS-3 images for inland water Management

About PFZ

Image processing of digital satellite data

Eligibility

No prior knowledge is required to attain this training programme. Anyone who has interest to learn remote sensing application is eligible to attend this training programme. A total of 12 participants will be accommodated in this course.

How to apply

Interested candidates are encouraged to contact the course coordinator directly by Email or phone during office hours (10 AM to 5 PM) on working days. Application can also be sent by post addressed to the course coordinator.

The payment of course fee Rs. 5000/ can be made at the venue on the first day of the programme either in cash or DD made in favour of ICAR Unit-CIFE.

Travel and accommodation

Accommodation (for outstation candidate) and food charges will be extra and are to be borne by the participants as per the expenditure incurred. Dormitory accommodation would cost Rs. 50-75/day while food charges would be about Rs. 250-300/day.

About the Institute

ICAR-Central Institute of Fisheries Education (CIFE), in over 50 years of existence, has emerged as a centre of excellence in higher education in fisheries and allied disciplines. The Institute was established on 6th June 1961, under the Ministry of Agriculture, Govt. of India with assistance from FAO/UNDP. It came under the administrative control of Indian Council of Agricultural Research (ICAR) in 1979. Considering the wide mandate involving education, research and extension and recognizing the pivotal role played by CIFE in human resources development in fisheries, the institute was conferred the status of Deemed-to-be-University in1989. The institute with its core strength in quality teaching, research and training has become a brand name in fisheries higher education. ICAR-CIFE is now placed in a new campus with state-of-the-art facilities and located about 8 km from the domestic and international airports and 20 km from Dadar railway station, a major rail terminus in Mumbai.