



ICAR –CIFE organized Capacity Building- Training of Trainers (ToT) programme On  
**Remote Sensing and GIS Technology for Soil and Water Quality Mapping,**  
Sponsored by National Fisheries Development Board (NFDB)

ICAR-Central Institute of Fisheries Education, Aquatic Environment and Health Management Division, Mumbai organized Capacity Building- Training of Trainers (ToT) programme on Remote **Sensing and GIS Technology for Soil and Water Quality Mapping** from 16-20<sup>th</sup> September, 2019 sponsored by National Fisheries Development Board (NFDB). Dr. Gopal Krishna, Director and Vice-Chancellor, CIFE, Mumbai inaugurated the programme on 16<sup>th</sup> September 2019 and during this occasion the training manual was also released. Training programme covered 18 lectures, 8 practical classes and a field visit to Centre of Studies in Resources Engineering (CSRE) at Indian Institute of Technology Bombay (IIT). Further, two special guest lectures were organised during the programme. Dr. MSS Nagaraju, NBSS& LUP, Nagpur delivered a talk on “Remote Sensing and GIS technology in soil mapping” and Dr. Aneesh Lolitkar from INCOIS, Hyderabad presented a lecture on “Marine optics and ocean colour remote sensing”. The topics covered in the training programme include estimation of soil and water quality, basics of remote sensing and GIS; application of GIS in mapping of soil fertility, mangrove, ocean colour, potential fishing zone. A total of 18 participants from the state of Maharashtra (4), Kerala (1), Uttarakhand (2), Manipur (3), Bihar (4), TN (2), and H.P (2) participated in the programme. Pre-evaluation and post- evaluation of the participants has been carried out on the first and the last day of the programme respectively to assess the impact of the training programme. Participant’s feedback and remarks were sought to improve the future programme at ICAR-CIFE. The programme was successfully completed on 20<sup>th</sup> September 2019 and during the valedictory function, the participation certificates were distributed by Dr. K.V. Rajendran, Head, Aquatic Environment and health Management Division. Dr. Vidya Shree Bharti, Dr. Kundan Kumar and Mr. Vinod Kumar Yadav had co-ordinated the training programme.





