



ICAR-Central Institute of Fisheries Education, Mumbai



Report of the Online Training Programme on Geospatial Analysis Using Open-Source Software

Date: 30th May to 4th June, 2022

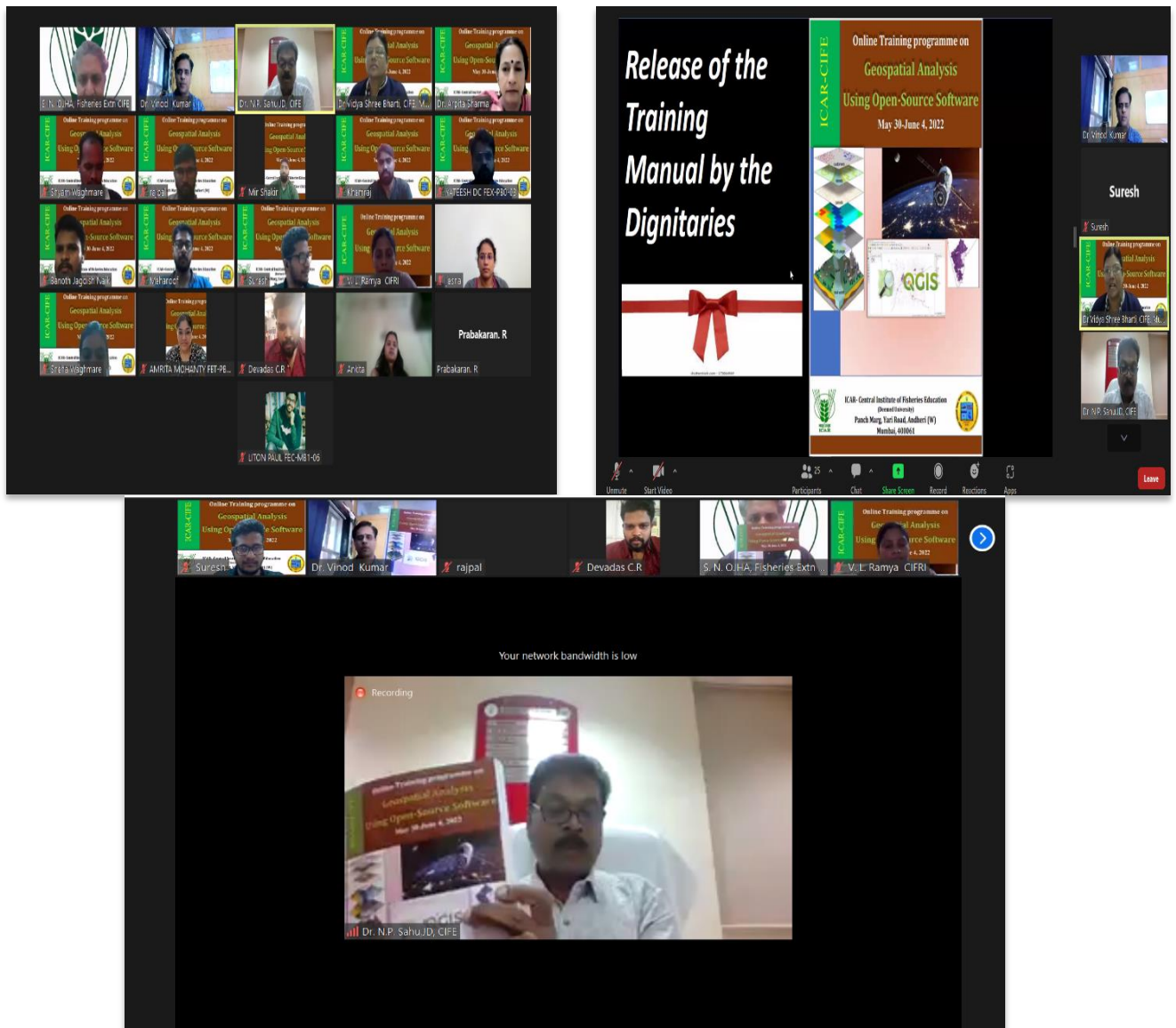
A training programme on 'Geospatial Analysis Using Open-Source Software' was organized by Fisheries Economics, Extension and Statistics (FEES) Division of ICAR-CIFE, Mumbai, from 30th May to 4th June 2022 under the guidance of Dr. Ravishankar C.N., Director/Vice-Chancellor, ICAR-CIFE Mumbai.

A total of 22 participants (male: 13 and female: 9) participated in this training programme. Participants were from ICAR Institutes CIFRI, Barrackpore (2), IASRI, New Delhi (2), CIFE (12) and Kerala University of Fisheries and Ocean Sciences (KUFOS), Kochi (3), West Bengal University of Animal and Fisheries Sciences (WBUAFS), Kolkata (2), Kalyan Aqua and Marine Export Indian Pvt, Ltd, Prakasam Dist, Andhra Pradesh (1).

The training programme consisted of 12 lectures and 12 practical classes. The topics included in the training programme were basic principles of Remote sensing and GIS and its applications; Spatial analysis and image processing; Mapping and monitoring mangroves, Inland and coastal water quality and PFZ with remote sensing; Multicriteria analysis, and Habitat modeling. Participants also presented brief concept notes related to geospatial area. The session plan followed during 1-week online course included live lectures and practical sessions while the recorded lecture videos were shared to reinforce learning and help them better understand.

Pre-training and post-training assessments of the participants were recorded to assess the effectiveness of the training programme with reference to knowledge level of the trainees. The results showed improvement in the knowledge of the participants. Dr. Vinod Kumar Yadav, Dr. Vidya Shree Bharti and Dr. Arpita Sharma were the Course Coordinator of the training programme. Dr. Vinod Kumar Yadav, gave an overview and highlights of the program.

Valedictory function of the programme was conducted on 4th June. Dr. N.P. Sahu, Joint Director, ICAR-CIFE, highlighted the utility of this training programme in the present digital era stressing the need for more similar programmes. A Manual of the training programme was relased by Dr. N.P. Sahu, Joint Director, ICAR-CIFE and Dr. S.N. Ojha, Head, FEES Division (Acting).



Photographs of the Online training programme on 'Geospatial Analysis Using Open-Source Software'