

Webinar on Applications of Remote Sensing in Precision Agriculture

(ICAR-RCER, Patna, Date: 28th July, 2021)

ICAR- Research Complex for Eastern Region, Patna organized a webinar on “*Applications of Remote Sensing in Precision Agriculture*” on 28th July, 2021 in hybrid mode i.e virtual as well physical as a part of “*Azadi ka Amrut Mahaotsav*” to commemorate 75 years of India’s Independence. The major objective of this webinar was to create awareness and update the knowledge of scientists, faculties, students and stakeholders regarding use of advanced techniques of remote sensing for enhancing production efficiency and input-use efficiency in precision agriculture.

At the outset, Dr. Ujjwal Kumar, Director (A), ICAR-RCER, Patna inaugurated the webinar and briefed about the importance of applications of remote sensing in agriculture in converting green revolution to



ever green revolution. Dr Kumar also highlighted the role of remote sensing in precision farming.

The eminent speaker, **Dr. Suresh Kumar, Group Head**, Agriculture & Soils Department, Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun delivered a very insightful and informative presentation on the theme. He thoroughly gave detailed information on the applications of remote sensing imagery and data in crop classification, crop growth assessment, crop water stress detection, predicting insect-pest infestation, soil landscape



delineation, digital soil nutrient mapping and yield forecasting as well as assessment.

There were around **200 participants** registered for the webinar from all over India and got benefited through the lecture followed by discussion with the eminent speaker.

The webinar was organized with the active coordination by the team of scientists- Dr. Kamal Sarma, Dr. Amitava Dey and Sonaka Ghosh and technical support was provided by Anil Kumar and Sarfaraj Ahmad of ICAR-RCER, Patna. Dr Kamal Sarma, Head, Division of Livestock & Fisheries Management proposed vote of thanks for the porogramme.

(Source: ICAR Research Complex for Eastern Region, Patna)