

## Indian Institute of Soil Science Organized Review Meeting-cum-Workshop of ICAR-ICRAF collaborative project on Soil Spectroscopy

17<sup>th</sup> December 2019, Bhopal

A Review Meeting-cum-Workshop was organized at ICAR-IISS, Bhopal to assess the progress of the ICAR-ICRAF collaborating project on “Soil Spectroscopy” on 17 December 2019. In his welcome address, Dr. A.K. Patra, Director, ICAR-IISS stressed the importance of new technologies such as rapid estimation of soil properties using spectroscopy in sustaining soil health and achieving food security.



Dr. Javed Rizvi, Regional Director, South Asia Regional Program, ICRAF (International Centre for Research in Agroforestry), shared the background of this collaborative project and stressed the importance of soil spectroscopy in rapid soil health assessment and improvement.

Dr. Keith Shepherd, Principal Scientist and theme leader of Soil Spectroscopy at ICRAF, Kenya delivered a talk on ‘Global Achievement on Soil Spectroscopy’ through Skype. Dr Shiv Kumar Dhyani, former Director, ICAR-CAFRI, Jhansi and Senior Agroforestry Specialist at ICRAF, also graced the occasion. Dr. K. M. Hati, Principal investigator, ICAR-IISS, Bhopal and Dr. Rabi N Sahoo, Principal Scientist ICAR-IARI, New Delhi made the presentations on “Pre-processing techniques/tools, wet chemistry, and machine learning approaches affect the calibration and validation of developed models. This was followed by detailed discussion on future course of action and finalization of recommendations emanated from the project. The review meeting ended with formal vote of thanks

