



भारतीय कृषि अनुसंधान परिषद

Indian Council of Agricultural Research

(Ministry of Agriculture and Farmers Welfare)



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ICAR-IISWC, Dehradun inks MoU with NRSC, Hyderabad

26th July, 2021, Udhagamandalam

With an aim to execute an Inter-Institutional Collaborative Project on "Evapotranspiration Modelling, Water Budgeting and Assessment of CO₂ flux over Tea Plantation in Western Ghats, Tamil Nadu", the ICAR-Indian Institute of Soil and Water Conservation, Dehradun, Uttarakhand signed a Memorandum of Understanding (MoU) with the National Remote Sensing Centre, Hyderabad today.



The ICAR-IISWC, Research Centre, Udhagamandalam is the Collaborating Unit with the Central Water Resources Development and Management (CWRDM), Calicut and National Remote Sensing Centre, Hyderabad.

Dr. M. Madhu, Director, ICAR-IISWC, Dehradun, Uttarakhand and Dr. Venkateshwar Rao, Joint Director, NRSC, Hyderabad signed the MoU on the behalf of their respective organizations.

As per the MoU, the present Project will conduct a study on the evapotranspiration mechanisms and partitioning, atmospheric CO₂ fluxes that would guide to understand the energy partitioning over Tea which is a major plantation in the temperate mountainous ecosystem of Nilgiris from Western Ghats.

The data generated on Evapotranspiration, soil-vegetation-atmospheric characteristics, soil and atmospheric CO₂ from the temperate mountainous ecosystem will be used in the ICAR-IISWC's research activities and form a database under the "National Hydrology Project (NHP)" of the NRSC (ISRO).

(Source: ICAR-Indian Institute of Soil & Water Conservation, Dehradun, Uttarakhand)