

Institute Industry Interaction Cell
College of Agricultural Engineering & technology,
Dr. Rajendra Prasad Central Agricultural University, Pusa, BIHAR

Expert lecture on “Hydrological Modelling: Precipitation -Runoff Modeling Systems (PRMS)”6th June 2026

Dr. Adlul Islam, Principal Scientist, NRM, ICAR, New Delhi delivered a lecture on “Hydrological Modeling: Precipitation - Runoff Modeling Systems (PRMS)” through power point presentation on 6th June 2026 in Hybrid mode. Ms. Shreya Gupta, Assistant Professor delivered the welcome address to esteemed speaker, organising team and all the participants. Dr. R. Suresh, Professor and Head Department of Soil and Water Conservation introduced the speaker and presented a brief biodata of Dr. Adlul Islam.

Dean and Convener of the event delivered brief remarks highlighting the significance of the online lecture and appreciated the efforts of the Department of Soil and Water Conservation for organising the event.

Dr. Islam explained hydrological modelling with emphasis on the Precipitation-Runoff Modeling System (PRMS). It covers model types, spatial scales, watershed delineation, HRU-based distributed modelling, runoff and soil-water processes, calibration and validation techniques, PRMS applications in the Brahmani Basin, performance evaluation metrics, and comparisons with other hydrological models, including IHACRES and GSFLOW.

At the end of the session, Dr. Debashis Roy, Assistant Professor, delivered the vote of thanks to the esteemed speaker, convener, co-convener and all the participants.

