

Biodata

Dr. Abdus Sattar

Dr. Abdus Sattar is serving as Associate Professor-Cum-Senior Scientist, Agrometeorology, Centre for Advance Studies on Climate Change, Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar

- He did his M.Sc (Ag.) Agrometeorology from G.B. Pant University of Agriculture and Technology, Pantnagar and Ph.D in Agrometeorology from Bidhan Chandra Krishi Viswa Vidyalaya, Mohanpur, West Bengal
- Has more than 16 years of experience in teaching, research and climate services.
- As Principal Investigator (PI), he is handling several Agrometeorological Projects viz. All India Coordinated Research Project on Agrometeorology (AICRP-AM), National Innovations on Climate Resilient Agriculture (NICRA), Forecasting Agricultural Output using Space, Agrometeorology and Land based Observations (FASAL); *Gramin Krishi Mausam Sewa* (GKMS) and Characterization of Radiative and CO₂ fluxes over Rice-wheat system funded by SAC, ISRO.
- Also as Co-PI, contributing to five other crop-climate related projects in the university.
- Contributed significantly to agrometeorological research, and enhanced farm productivity and farmers' income through climate services and risk management.
- Developed a large number of agroclimatic products/outputs for decision making in agriculture under changing climatic condition.
- Optimized and modelled rice-wheat cropping system for potential productivity and adaptation under changing climatic scenario in Bihar.
- He developed Climate Smart Irrigation software/app for *Kharif* rice.
- He has to his credits more than 40 research papers in peer reviewed National and International journals and authored Agroclimatic Atlas of Bihar, several technical bulletins books and book chapters.
- He is an expert member of Bihar State's Action Plan on Climate Change.
- He organized and coordinated many training programmes on climate change and ICAR sponsored Winter School as Course Coordinator and Conducted 21 days training programme as Course Director.
- He received “**Best Teacher/Scientist Award**” Given by Rajendra Agricultural University (Now, Dr. Rajendra Prasad Central Agricultural University), Pusa, Bihar in 2011,
- He also got “**Best Ph.D Thesis Award**” in Agrometeorology from the Association of Agrometeorologists in 2016.
- He received Appreciation letter from the Experts of Research Council Meeting of the university for his quality agrometeorological works in 2017.
- He also received “**Best Research Paper Award**” from Dr. Rajendra Prasad Central Agricultural University, Pusa, Samastipur, Bihar in 2022.
- He was given “**Prof S. Venkatraman best Paper Award**” for the year 2022 by the Association of Agrometeorologists. The paper was adjudged as the best paper published in any national and international journal, that contributes to “Mitigation of Biotic and Abiotic Stresses in Crop production”.
- He was given “**Fellow of Association of Agrometeorologists (FAAM)**” for the year 2023 by the Association of Agrometeorologists.