

**Dr. Atul Kumar Sahai** is Project Director of Monsoon Mission and leading the group of Extended Range Prediction at Indian Institute of Tropical Meteorology (IITM) Pune. He has obtained his Ph. D. degree in Mathematics from the University of Allahabad and made noteworthy contribution in understanding regional aspects of climate change over Indian subcontinent. He has worked on understanding the climate projections over Indian subcontinent related to various features of monsoon rainfall and associated circulation. He has developed statistical prediction system for the probabilistic prediction of seasonal mean as well as intraseasonal fluctuations of Indian summer monsoon. Dr. Sahai has demonstrated great leadership in the field of climate science and research during his career at IITM, Pune. Since 2016, he is Co-ordinator of India-UK Water Centre, a virtual centre under the Indo-UK collaboration through MoES. His most remarkable research lead to the development of a dynamical ensemble prediction system for predicting the intra-seasonal oscillations of the Indian summer monsoon season. Dr. Sahai has also formulated several strategies for application of these extended range forecasts in agriculture, hydrology, health and disaster management. Dr. Sahai has published about 140 scientific research papers in peer reviewed journals / scientific reports/ book chapters with cumulative impact factor of 270 and citations over 2600. Considering his scientific contributions, he has been conferred with various awards and many visiting fellowships. He has also been nominated in various WMO experts team. He was also working as an Associate Editor of Journal of Earth System Sciences and been invited to write review articles in national and international journals/books.