

Changes in Global and Regional Hydrological Cycle

by Dr. M. N. Rajeevan (Secretary, Ministry of Earth Sciences)

Biography. Dr. M. N. Rajeevan is well known for his research work in Tropical Meteorology including monsoon variability, seasonal monsoon forecasts, cloud-radiation interaction and prediction of convective weather systems. He has more than 30 years of experience both as an operational forecaster and also as an active researcher. He contributed significantly for developing many application tools and prediction models for societal applications like long-range prediction models, gridded climate data sets and many other climate application products for regional climate services. His research contributions include analysis of various satellite data sets for understanding cloud-radiation interaction, Earth's radiative balance and three dimensional structures of tropical clouds and variability. He has published more than 100 peer reviewed research papers with an h-index of 28. He is a Fellow of the Indian Academy of Sciences (IASc), Indian National Science Academy (INSA), and National Academy of Sciences, India (NASI) and a member of the International Academy of Astronautics. He is also the High-level Advisor to the Commission of Climatology of the World Meteorological Organization for Global Framework for Climate Services. He was also a member of the WCRP-CLIVAR Asian-Australian Monsoon Panel. Email: secretary@moes.gov.in