



## Dr. Vijay Kumar Soni



Dr. Vijay Kumar Soni obtained his M.Sc. (Physics) from Indian Institute of Technology - Roorkee (formerly University of Roorkee) and PhD in Atmospheric and Space Science from University of Pune. He joined the India Meteorological Department in 1999 as Meteorologist. He worked in Air Pollution Division, IMD, Pune till March, 2011. During his tenure at Pune, the air pollution laboratory for monitoring chemical composition of precipitation was augmented and atmospheric turbidity measurement programme was modernized. Since April, 2011, he is working as Scientist, Environmental Monitoring and Research Centre, IMD, New Delhi. He contributed significantly to establish aerosol monitoring network in India called Skynet-India for measurement of aerosol optical properties and estimation of aerosol radiative forcing. Recently, Black Carbon Monitoring Network of 16 stations and Multi-wavelength Integrating Nephelometer Network of 12 stations were set up under his guidance. He is taking a lead role in developing a high altitude observatory at Ranichauri in Uttarakhand.

Dr. Soni has contributed immensely in setting up a modern meteorological observatory at Bharati station in Antarctica. He was actively involved in establishment of GPS based Ozonesonde system at New Delhi and Bharati, Antarctica. Dr.Soni is serving as a committee member/reviewer for various national and international agencies/journals. He is member of Expert Appraisal Committee for environmental appraisal of mining projects of the Ministry of Environment, Forest and Climate Change.

Dr. Soni has been prolific in his scientific efforts, publishing 26 research papers in peer reviewed journals, 4 Meteorological Monographs on various subjects and 4 chapters in books. His recent research work on global dimming and brightening has received wide appreciation. His research interests include Aerosols, Solar Radiation, Air Quality and Precipitation Chemistry.

Dr. Vijay Kumar Soni is awarded Certificate of Merit for his outstanding contributions in the field of Atmospheric Sciences.