



Dr Raj Kumar, SAC, ISRO

Dr Raj Kumar with more than 30 years of experience, presently as Deputy Director in Space Applications Centre, ISRO is responsible for activities related to understanding Earth System, processes and interactions using earth observation data, and its applications towards societal benefits as well as studies in Planetary sciences. He has primarily carried out research towards the effective utilization of space technology for the studies of ocean, atmosphere and climate for societal benefits. The main focus of his research has been on Satellite data applications for the ocean state predictions with data assimilative numerical models and algorithm development. He was instrumental in developing Ocean State Forecast for India with satellite data assimilation schemes which are operational for users community. Towards Satellite Data Analysis, his contribution is mostly towards System Definition studies forming an important input for the sensor design. Dr Raj Kumar is also playing pivot role in propelling collaborations with international space agencies in remote sensing. He has more than 90 publications in peer reviewed Journals of International repute and leading many young researchers towards their Ph.D. He is recipient of P R Pisharoty Memorial Award, Hari OM Ashram Prerit Dr Vikram Sarabhai Award and ISRO' Team Excellence Award.