



Dr. Sudhakar Manda

Chief, Remote Sensing and GIS

Skymet Weather Services Pvt Ltd

Fellowship from UGC/CSIR prompted Mr. Manda to take up a career as a hardcore researcher in earth sciences. On completion of Doctorate in ground water exploration from Delhi University, he took up his job as Analyst/Modeler in Risk Analysis domain. Strong academic background coupled with professionalism helped him in delivering on different assigned roles from executing GIS projects to managing large scale Remote Sensing projects, business development. Having technical expertise along with business acumen, he was entrusted with management roles in Business Development where he had the opportunity to contribute to a variety of small to large opportunities in Agriculture and Natural Resource Management, Risk modeling, Land Management, Utility, Telecom, Transportation, State Spatial Data Infrastructure projects, Surveying etc. along with helping organization standardize its procedures, document templates etc. to comply with ISO requirements that led to successful Certification.

His assignments also had that of 'Team Leader' in State Wide Aquifer Mapping Project' where he was responsible for delivery of a 'first of its kind project in India'.

Short stint at ONSDI, Muscat was unique in the sense that he got the opportunity to define and implement policies and standards for National geospatial datasets of Oman and ISO standards for organizational working.

His current role at Skymet is to lead the Remote Sensing team and implement innovative solutions for problem solving in Agri-Business, Crop-Insurance and Banking industries. This requires use of multi-temporal, multi-spectral Optical and Microwave satellite images, Drone data together with research to detect sowing trends, sowing failure, crop stress analysis, mid-season crop loss assessments, plot level analytics, farmer profiling and integrated solution for reducing crop cutting experiments through intensive weather data analysis, crop simulation studies and machine learning.