



Kuldeep Kachroo  
Consultant (Geology), Geoscience Global  
Formerly Director Geoinformatics, Geological  
Survey of India

Kuldeep Kachroo retired as Director from Geological Survey of India after 35 years of service. At present he is a part of the management of Geoscience Global – a consulting company. As a working geologist gained leadership experience in diverse domains of Geology and capability of leveraging technology for enhancing the quality and quantity of the work. Participated and implemented the national IT initiative for Geological science launched by Geological Survey of India. He has also been involved in establishing highly sophisticated geological and chemical laboratories of national importance.

During the span of 44 working years he has gained expertise in Geological mapping, Remote sensing, Environmental Geology, GIS, Integrated data delivery and Map compilation. Remote sensing techniques were utilized for large projects like Preparation of Master Plan for Barak valley ( 29,000 sq.km), Environmental assessment of Ranga & Subansari Project (15,000 sq.km), urban geology projects (Aurangabad, Agartala, Dhubri, etc.). Remote sensing techniques were also used extensively for geological mapping & geotechnical evaluation along Eitihad Railway from Al Dahid to Fujairah in UAE, realignment of railway line between Kulem in Goa and Castle rock in Karnataka, India, and for mapping and geotechnical investigation for road projects in Khorfukran and Al Qwar area in UAE.

In GSI, extensive use of remote sensing techniques was used during conflict resolution in the preparation of unified 50k geological maps of India developed on a GIS platform, and in the preparation of Geological database and unified geological index.