



## **Water resource management by remote sensing and geophysical techniques**

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Water resource management can be done effectively by integrating satellite data and geophysical observations. High spectral reflectance in visual and near infra red region of SPOT and IRS satellite data with low magnetic and resistivity value has the potential to select locations suitable for ground water exploration as well as artificial recharge. Case studies in various parts of Aravali Quartzites in Delhi, India and Massive Sandstones in Merseyside, Liverpool UK has been done satisfactorily. Influence of seismic activities on the Delhi, India and sea waves in Liverpool UK has been observed in satellite data as changes in NDVI values.