Prof. J K Garg

Joined Space Applications Centre, (ISRO), Ahmedabad in July 1976 and played a pivotal role in initiating and furthering the use of geospatial techniques for wetland conservation and rehabilitation, Natural Hazard Assessment and Zonation (Landslides, forest fires, earthquakes, besides doing pioneering work for ecosystem analysis and monitoring, environmental appraisal of developmental activities (mining, thermal power generation, river valley projects), GHG Emissions, and optimal resource use etc. A singular contribution is the initiation of the use of geospatial techniques for wetland research in India for which I have received global recognition. First scientific inventory (1998) and creation of wetland information system are the notable contributions to the science of wetland ecology and to the country. Some other major contributions include use of geospatial techniques for EIA, biomonitoring of river systems (Yamuna) and water quality studies.

Joined Guru Gobind Singh Indraprastha University, New Delhi in February 2008 and has been Dean of the School of Environment Management, and Director, Centre for Disaster Management Studies. Recently, after superannuation (January 31, 2019) joined TERI School of Advanced Studies as Senior Fellow. At GGSIPU besides teaching guided students to carry out basic and applied research on bio-optical monitoring of aquatic ecosystems, riverine landscape ecology, Urban Heat Island studies, and forest fragmentation etc. Delineation of boundaries of unauthorized colonies of Delhi using aerial and satellite imagery was also carried out as a consultancy project (during 2008-09).

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