

BRIEF RESUME OF DR. SUDESH KUMAR WADHAWAN
[Former Director General, Geological Survey of India]

Dr. Sudesh Kumar Wadhawan - a former Director General, Geological Survey of India [GSI], is a Gold Medalist, M.Sc. Applied Geology scholar from Gwyer Hall, University of Delhi. After serving as a Lecturer for a year (1976-77) in the prestigious Delhi College of Engineering, presently a Delhi Technological University, Delhi, he joined GSI as a professional Geologist and served in various capacities for over 36 years with exceptional merit and commitment in different terrain conditions. Besides writing 40 Technical Reports in GSI, he has published over 60 scientific papers in peer-reviewed national and international Journals and co-authored four books and contributed Chapters to thematic Books by Springer Nature and Francis & Taylor Publishers.

Considered an authority of Thar Desert Geology, Dr. Wadhawan has carried out several environmental geological and geotechnical investigations in different river basins, coastal tracts, regional geo-environmental development of districts and site-specific impact studies, including mining and urban centers. He has deliberated in and organized several national and international Geoscience Conferences, including UNESCO IGCP Projects on Dryland Environments and Quaternary Coastal Evolution and Coastal Records of Rapid Changes, etc.

He has played a crucial role in establishing an exclusive Geohazards Research & Management [GHRM] Cell in GSI CHQ with five regional units in India, devoted to exclusive research in landslides and launched a National Program on Landslide Susceptibility Mapping on 1:50,000 scale on GIS platform utilizing Remote Sensing and Field Survey data sets in 2014 onwards.

Earlier while posted in Ministry of Mines on deputation as Director [Technical] and Member Secretary, he prepared the detailed Base Document for CGPB Committee XII on 'Geosciences for Sustainable Development' and conducted several national meetings and workshops at Ministry of Mines [2010-11]. He also prepared and coordinated finalization of a well-structured Report of the Working Group on Survey and Mineral Exploration for the 12th Five Year Plan on Mineral Exploration and Development [Other than Coal & Lignite] for the Planning Commission in a time bound manner [August, 2011]. Both these documents have since been uploaded in website of Ministry of Mines, Government of India and Google.

He also expedited identification and declaration of several new Geoheritage sites (National Geological Monuments) of unique earth science importance in India for protection, conservation and development of Geotourism potential, etc. He is also affiliated as life member with several Professional bodies and Societies.

Presently Dr. Sudesh K. Wadhawan is an Adjunct Professor & Visiting Faculty at the School of Engineering and School of Sustainable Development, Amrita Vishwa Vidyapeetham Kerala and nominated Geoscience Advisor and Expert Member of the Search-Cum-Selection Committees for Atomic Minerals Directorate for Exploration and Research, Department of Atomic Energy and other Government Departments/ Commissions. At Amrita, he is associated with leading research teams for multi-hazards investigations and development/ deployment of EWS in the Western Ghats and Himalaya.