



**SHARDA. Dr. Yash Pal**

**Consultant & Faculty (Engineering Geology & Landslides)**

*Freelance Consultant & Advisor, Engineering Geology*

*Formerly Director (Vol. Retd.), Geological Survey of India*

*Formerly Senior Specialist (Engineering Geology), SNC Lavalin Engineering India Ltd.*

With a 1973 Master's Degree in Applied Geology from IIT Bombay, and a Doctorate from University of Delhi, Dr. Yash Pal Sharda joined Geological Survey of India (GSI) in 1976 and served there for more than 32 years before quitting on voluntary retirement and moving on to private sector. During his long tenure at GSI, he served specialized disciplines of Engineering Geology, Seismo-tectonics & Earthquake Geology, and Landslides in northern and northeastern regions of the country where he was associated with geotechnical investigations of hydroelectric projects at different stages, infrastructure projects, earthquake investigations and landslide investigations including zonation studies in Arunachal Pradesh, Assam, Manipur, Nagaland, Punjab, Jammu & Kashmir and Himachal Pradesh. Specifically, he was engaged in providing Geotechnical and Engineering Geological inputs for 157 pre-feasibility reports on hydroelectric projects identified under 50,000MW initiative of the Government of India, carried out appraisal of about 90 DPRs of hydroelectric projects as part of techno-economic clearance (TEC) granted by the CEA before taking up construction by various government and private developers, and maintained liaison with MHA and NDMA in connection with landslide hazard studies. He was also Convener of the Committee mandated to develop Landslide Hazard Guidelines being developed by NDMA. He was a member of the coveted team constituted by the Government of India to study the threat of the hazards in downstream reaches of Satluj Basin in Himachal Pradesh following the blockade of Pare Chu in China.

At the time of quitting GSI in the year 2008, Dr Sharda was the Director Landslide Hazard Management Information and Engineering Projects Evaluation Division, New Delhi. He moved on to SNC Lavalin Engineering India Ltd. as Senior Specialist (Engineering Geology) where he provided geological inputs, planned investigations and prepared reports for a number of hydroelectric projects in Arunachal Pradesh, Himachal Pradesh, Uttarakhand, Nepal, Bhutan and Nigeria. Some of these projects include 3097MW Etalin HEP, 800 MW Tato-II, 1000MW Naying, Hutong and Middle Subansiri, 1878MW Oju HEP, Pare HEP in Arunachal Pradesh: Tilla, Bheri, DoodhKosi, etc, in Nepal; Niyara Amri and Daga Chu in Bhutan, and Chhatru, Bajoli Holi, Kutehr, etc. in Himachal Pradesh, and JhelamTamak HEP in Uttarakhand.

As Freelance Consultant/ Advisor since the year 2016, Dr. Sharda has been working on many projects in the country and overseas for different organizations. Some of these projects include NiraAmri HEP in Bhutan, Kakobola HEP in Democratic Republic of Congo, Umranin Meghalaya, and railway and road projects.

Besides significant contributions to many prestigious publications, Dr Sharda has more than 100 technical reports to his credit and has published 37 technical papers in national and international publications.