

SH. S. L. KAPIL, EXECUTIVE DIRECTOR, NHPC LTD. HAS TAKEN OVER AS SECRETARY, ISEG



Sh. S. L. Kapil, Executive Director, NHPC Ltd. has recently taken over as the Secretary of Indian Society of Engineering Geology (ISEG) for the term 2020-21. The charge was formally handed over to him by his predecessor Dr. Saibal Ghosh, Secretary, ISEG 2018-19 during the AGM of the society held on 11.01.2020 at NHPC Office Complex, Faridabad. Sh. Kapil has also served the Society as Vice President for the term 2018-19.

An Engineering Geophysicist by profession, Sh. S. L. Kapil did his masters in Applied Geophysics from IIT Roorkee in 1984 and also completed MBA (Finance) from IMT, CDL, Ghaziabad in 2018. Initially he had worked for Punjab State Tubewell Corporation for site selection and design of deep Tubewells before joining NHPC in 1987. In his illustrious career spanning more than 33 years, he has made immense contributions in the effective use of geophysical technologies in investigation, construction, O&M and consultancy projects. He has introduced several advanced technologies in NHPC like tunnel seismic prediction, seismic tomography, MASW, resistivity imaging, vibration monitoring studies etc. He has also taken keen interest on seismological aspects pertaining to hydroelectric projects and expedited the clearance procedure from NCSDP by close interaction and liaisoning with the executing and nodal agencies. He was instrumental in developing a Real Time Seismic Data Center at NHPC, Faridabad for real-time recording of accelerograph data from all NHPC power Stations. He was conferred with exemplary commitment award in November 2017 by NHPC for this innovative work.

Presently as Executive Director & HOD of Engineering Geology and Geotechnical and Project Investigation Divisions of NHPC, he is spearheading the complete topographic survey, exploratory drilling, geological, geophysical, geotechnical and construction material survey works, DPR preparation, submission and clearance of all the projects of NHPC and its subsidiaries. Prior to this, as CGM (Geo-Tech), Parbati-II H.E. Project, he was the incharge of geotechnical works pertaining to tunnel and other appurtenant structures, environment, land acquisition, quality control and other important works of the Project and

made significant contributions. He has also provided consultancy services to various outside organizations like THDC, SJVNL, NTPC, KSEB etc. for resolving geotechnical issues in their respective projects by utilizing latest state of the art investigation techniques. He has also provided his valuable services at various important overseas assignments viz. Kurichu, Mangdechhu, and Kurigongri projects in Bhutan and Tamanthi and Shwezaye projects in Myanmar etc. to name a few. His contributions in resuming the stalled tunnelling works through TBM at Parbati-II Project, clearance of seismological issues in respect of Dibang and Subansiri Lower Projects from NGT are noteworthy. He is also a nominated seismic expert member of Dam Safety Review Panel constituted by Govt. of Kerala, Govt. of Maharashtra, Govt. of Gujarat, Govt. of West Bengal and Govt. of Madhya Pradesh. He has also made valuable contributions regarding NHPC's foray into Geothermal and other Renewable Energy sectors.

He has travelled extensively to countries like USA, France, Finland, Netherland, Thailand, Myanmar, Bhutan and Nepal for execution of projects, transfer of technology and attended various seminars/ conferences. He has authored more than 250 technical reports and more than 40 technical papers on investigation & construction related activities of hydro projects.

In his address Sh. Kapil expressed his sincere gratitude to all the ISEG members for providing him the opportunity to serve as Secretary of this prestigious society. He stressed upon the important role of latest state of the art investigation techniques in mitigating geotechnical challenges in Engineering Projects and the vital role of ISEG in advocating the latest technologies among the planners, decision makers and executors. He also made a technical presentation on "Application of advanced technologies for optimization of geotechnical investigation in Hydro/Infra Projects". He assured his full commitment and dedication in overall upgradation of the Society under the leadership of Sh. A. K. Singh, President, ISEG. He also thanked the present and past ISEG council members, life members and NHPC officials for their valuable supports in organizing the AGM successfully.



Sh. S. L. Kapil, Secretary, ISEG Addressing the Delegates at ISEG AGM