



S.C SUD

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PROFILE

Mr. S. C. Sud has a professional experience of around 52 years in Hydrology, Hydrometry, preparation of Hydrology Chapters & other aspects of Water Resources Development & Management in India and Iraq. He joined Central Water Commission (CWC) in December 1965 and worked there for about 37 years in various fields of water resources planning, development & management. He has carried out hydrological studies, guided State Engineers on Project Hydrology and prepared hydrology Chapters for a number of irrigation & hydro-electric projects. He has also worked as Hydrologist with the Government of Iraq for 5 years. As Commissioner (Indus), he handled all issues pertaining to the development of projects in Indus Basin with Pakistan & issue of flood forecasts to Pakistan.

After retirement from CWC in July 2002, he has worked as Consultant (Top Level Expert), Indian National Committee for Irrigation & Drainage (INCID), WAPCOS for about 5 years. Since August 2007, he is working as Consultant (Hydrology) with Energy Infratech Private Limited (EIPL).

During his service with CWC, he was a Member of various Boards, Working Groups and Committees. He is Fellow, Institution of Engineers (India), Life Member “Association of Hydrologists of India” and “Central Water Engineering Services (Group A) Association”. He has prepared about 12 CWC publications and 2 Bureau of Indian Standard Guidelines. He has prepared & presented about 44 Technical Papers in various National & International Seminars, Symposia & Workshops.

He has carried out hydrological studies & prepared Hydrology Chapters for the following projects:

- Investigation & Preparation of DPR of Kirthai H.E. Project, J & K (360 MW)
- Hydrology Chapter for DPR of Demwe Lower H.E. Project, Arunachal Pradesh (1750 MW)
- Hydrology Chapter for the DPR of Demwe Upper HEP, Arunachal Pradesh (1140 MW)
- Design Flood Studies of Teesta – III H.E. Project, Sikkim (1200 MW)
- Design Flood Studies of Sainj H.E. Project, Himachal Pradesh (5 MW)
- Detailed Engineering Report of Karuma H. P. Project, Uganda (600 MW)
- Hydrology Chapter for FSR & DPR of Kholongchu HEP, Bhutan (600 MW)
- Hydrology Chapter for FSR & DPR of Kynshi Stage - I HEP, Meghalaya (300 MW)
- Hydrology Chapter of Khuitam HEP, Arunachal Pradesh (66 MW)



- Hydrology Chapter of Anjaw HEP, Arunachal Pradesh (280 MW)
- Design Flood Studies of Motighat HEP, Uttarakhand (5 MW)
- Hydrology Chapter for FSR & DPR of Mawphu II HEP, Meghalaya (75 MW)
- Hydrology Chapter for Kiba HPP, Uganda (330 MW)
- Hydrology Chapter for FSR & DPR of Dorjilung HPP, Bhutan (1125 MW)



number of CWC Publications & Bureau of Indian Standard Guidelines. Presented about 45 technical papers in various Seminars, Symposia and Workshops.

Educational Qualification

M. Tech (Water Resources)

Indian Institute of Technology
Delhi (1986)

B. Sc. Engineering (Civil)

Punjab Engineering College
Chandigarh (1964)