



PROFESSOR MUMTAZ AHMED SOHAG

B.E. (Civil), D.I.C., M.Sc., Ph.D. (England)

PERSONAL

Name:	Mumtaz Ahmed Sohag
Profession:	Professor & Director Center for Sustainable Built Environment, Faculty of Environmental Sciences
Organization:	Federal University Birnin Kebbi, Nigeria.
Date of Birth:	12 th February, 1962
Marital Status:	Married
E-mail address:	mumtaz_sohag@hotmail.com
Contact Number	+234 7081837683.

PROJECTS COMPLETED

- Carried out works on major river projects including Protection of Moen-jo-Daro, Streamlining of River Indus' flow through the Dadu-Moro Bridge, Control of bank erosion in the right Banks of Indus River, Fall structures for Nara Canal, Pollution of Phuleli Canal, Impact of the effluent of Sugar Mills.
- Represented Government of Pakistan at international level on issues related to water, environment & hydraulic structures.
- Worked on the sedimentation issues of Warsak Dam, Naseer Canal, Nara Canal, Chotiari Reservoir.
- Worked out accurate measurement of discharge in Steel Canal, Gharo.

- Coordinated for Government of Sindh with the Panel of International Experts on RBOD Project, National Surface Drainage System (NSDS) and LBOD Project for the waterlogging & salinity in Southern Punjab and Sindh.
- Carried out Water Quality & Quantity Monitoring Programme of River Indus, Irrigation Network of Sindh, RBOD System and LBOD System.
- Worked on major dams like Neelam-Jhelum Hydroelectric Project, Chotiari Reservoir, Manchar Lake & Keenjhar Lake.
- Designed & constructed 2.5 MGD Water Treatment Plant for Sindh Industrial Trade Estate, located at Kotri.
- Worked out bulk water supply for SITE Hyderabad and Sukkur city.
- Worked for the formulation of National Water Policy, Drainage Master Plan of Pakistan, National Wetland Policy, and National Surface Drainage System (NSDS).
- Carried out the implementation & execution of various development projects including construction of buildings, hospitals and roads under Hyderabad City Improvement works.
- Implemented the road construction project 180 km long from Jamshoro to Dadau.
- Executed the construction of the branch building of National Bank in Hyderabad.
- Executed the supply of fresh groundwater for general public supply and agricultural farms in rural Sindh.
- Worked for the design and implementation of the Environmental Management Plan of WSIP Project in Sindh, funded by the World Bank.
- Implemented the safe disposal of treated industrial effluent in an irrigation channel, implemented 1st time in Sindh.
- Worked for the sustainable supply of water in the rural areas of Northern Uganda.
- Served as Director & also Member of General Body in a large NGO called Thardeep for the implementation of environmental and technical works.
- Prepared Feasibility Report for the establishment of the Faculty of Engineering in ISRA University, Hyderabad.
- Serving as Member of Board of Governors & Member of Academic Council in the University of EAST.
- Supervised several students for their research projects at undergraduate and post graduate levels. Coordinated for the successful completion of seven PhD research projects, implemented under NDP Project, while working as Focal Person for Sindh Province.
- Received international training on the issues of Engineering, Education and Environment in Holland, Thailand, Malaysia and USA.
- Written over 35 Technical reports on typical engineering and environmental issues.
- Attended several national and international conferences and seminars.
- Organized several workshops and seminars for the stakeholders.

- Introduced Anti Snake Venom Project for its implementation in Nigeria with the collaboration of FUBK and sister universities.
- As an Irrigation & Drainage Expert, prepared Reports for the Irrigation & Flood Management Plan for the rivers of Niger & Rima in Kebbi state, Nigeria.
- Executed Soil Erosion control structures in the agricultural farm of Kebbi state.
- Arranged Youth Empowerment Programme in collaboration with the Kebbi state government.
- Organized International Conference on Renewable Energy for Sustainable Development in Sokoto in coordination with Usmanu Danfodio University Sokoto.
- Worked on major projects of the World Bank, Asian Development Bank, African Development Bank and JICA.

ACADEMIC QUALIFICATIONS

1.	Ph.D.	Sediment Transport	University of Newcastle-upon-Tyne, England.	1990-94.
2.	M.Sc.	Hydrology	University of Newcastle-upon-Tyne, England.	1990.
3.	D.I.C.	Hydrology	Imperial College, London.	1989
4.	B.E.	Civil	MUET, Jamshoro.	1985
5.	H.S.C.	Pre-engineering	Public School, Hyderabad.	1979
6.	S.S.C.	Science	St. Bonaventure's High School, Hyderabad.	1977

- ✓ Awarded with the President of Pakistan Scholarship from H.S.C. to B.E.
- ✓ Secured 1st Division throughout the academic career.
- ✓ Awarded with the Science & Technology Scholarship to pursue higher studies abroad by the Government of Pakistan.
- ✓ On exemplary performance in M.Sc, awarded with NERC (National Environmental Research Council) grant by the British Government to carry out PhD research project.
- ✓ Presented a novel method for precise estimation of sediment transport in gravel-bedded rivers during the Ph.D. research project.

AREAS OF INTEREST

- ❖ Construction of Roads, Buildings, Bridges, Hydraulic & Soil Erosion Structures.
- ❖ Design & preparation of EIA for major projects.
- ❖ Design & Implementation of Environmental Management Plan for large projects.
- ❖ Trainings, Seminars, Workshops & Capacity Building of Stakeholders.
- ❖ Monitoring & Evaluation of mega projects.
- ❖ Writing of Technical reports, based on operational research.
- ❖ Supervision of research projects at Post-graduate level.
