



Abdun Noor

Consultant Hydrogeologist
Senior Hydrogeologist (Retired),
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PERSONAL

Date of birth 05 January 1962
Nationality Bangladeshi
Marital status Married, two sons

RESEARCH AND PROFESSIONAL INTERESTS

Hydrogeology (Groundwater Investigation, development, modeling, management), Environmental Geology (contamination, over withdrawal, interaction with surface water, recharge, climate change)

PROFESSIONAL TRAINING

A four weeks advanced **international training on “Groundwater Development and Management in Hard Rock Areas”** held in Gothenburg, Sweden starting in May 02, 2004 organized by Chalmers University of Technology in cooperation with Ramboll Sweden AB and SWECO International AB.

A one week training on **“Training of the Trainers”** on Low Cost Water Supply & Waste Management held in ITN, BUET, Dhaka starting in May 06, 2000 organized by DPHE & ITN.

A three months in service training and field work on **“Geo-electrical Surface Sounding”** held in DPHE Ground Water Circle, Dhaka starting in October 1996 by Geological Survey of Bangladesh (GSB) and Unicef.

In service training on **“Geophysical orehole Logging”** by DANIDA Hydrogeology Advisory Service.

A five weeks **international training on “Groundwater Hydrology”** held in Delft, the Netherlands starting in May 1992 provided by IWCO .V in cooperation with IHE, Delft.

RECENT REPORT, STUDY, PPUBLICATION

Report on ‘**Monitoring of production wells’ by introducing monitoring system**, three reports contains monitoring of 382 production wells in 121 Pourashavas/ City Corporations/ other areas under 61 Districts.

Report on ‘**Pumping test of production wells’**, three reports contains pumping tests of 382 production wells in 121 Pourashavas/ City Corporations/ other areas under 61 Districts.

Feasibility Study Report on Regeneration of Production Wells of Bangladesh

Report on “**Geo-electrical Resistivity Sounding Survey**” at of Manikgaanj, Jessore, Jhenidah, Chuadanga, Meherpur, Kushtia, Chapai Nawabganj, Pabna, Faridpur and Rajbari

Report on **compilation of borelogs, tubewells, electric logs, water quality** under Joint Action Research (JAR) on Salt Water Intrusion in Groundwater in the Coastal Area

Report on “**Downhole Video Inspection of Production Wells**”

Research Article: **Root cause of groundwater colouration in coastal districts of Bangladesh: findings from a preliminary study**, Journal: Environmental Pollutants and Bioavailability, Volume 33, 2021 - Issue 1, Author: Taylor & Francis, Ahammadul Kabir, Alauddin Ahmed, Mizanur Rahman, Ibrahim Md Taimur, Shamsuddin Ahmad, Mohammed Mahmud Khan, Mohammad Saifur Rahman & **Abdun Noor**

EDUCATION

1984 (exam held in 1988), M.Sc., Geology, Dept. of Geology, University of Dhaka, Bangladesh

1983 (exam held in 1987), B.Sc. (Hons), Geology, Dept. of Geology, University of Dhaka, Bangladesh

1980, HSC, Science group, Jessore Board, Jhenidah Cadet College

1978, SSC, Science group, Jessore Board, Jhenidah Cadet College

EMPLOYMENT SUMMARY

Jan 2021 – Date Consultant Hydrogeologist
RMG Engineering Limited, Motijheel, Dhaka.
On going work on evaluation of aquifer condition for the Power Plant of United Power at Anwara, Chittagong.

Jul 2022 – Sep 2023 Consultant Hydrogeologist
Innovations Cnsultants & Engineers, Mohakhali, Dhaka

Jan 2021 – Jun 2022 Advisor and Senior Hydrogeologist
GREEN GENESIS Engineering Limited, Mohakhali DOHS, Dhaka.

- Jul 2020 – Dec 2020 Senior Hydrogeologist, Ground Water Division, DPHE, Dhaka.
Assist the works of Ground Water Division and Circle.
Worked as Project Hydrogeologist in the “Project for Regeneration of Production Tubewells in Countrywide Pourashavas” (Jul 2020 – 04 Jan 2021).
- Jul 2009 – Jun 2020 Senior Hydrogeologist, Ground Water Division, DPHE, Dhaka.
Assist the Division and the Superintending Engineer of the Circle. Worked as Project Hydrogeologist from DPHE GW Circle in the following projects –
Water Supply, Environmental Sanitation & Fecal Sludge Management in 32 Pourashava, DPHE, Dhaka,
Development of Economic Zone (BEZA), Mirsharai, Jamalpur,
Groundwater Investigation & Development of Deep Groundwater Source in Urban & Rural areas in Bangladesh,
Gopalganj & Bagerhat Pourashava Water Supply & Environmental Sanitation Project, DPHE, Dhaka,
Project of Arsenic Risk Removal (ARR) in water supply,
Groundwater Management and Feasibility Study for 148 Pourashavas having no Piped Water Supply,
Ground Water Management Project (1st phase),
Joint Action Research (JAR) on Salt Water Intrusion in Groundwater in the Coastal Area,
Secondary Towns Water Supply & Sanitation Sector (ADB-GoB) Project.
37 District Towns Water Supply Project, DPHE, Dhaka,
40 & 45 Pourashava Water Supply Project (2nd Phase) under Thana Sadar & Growth Centre, DPHE, Dhaka
- Jun 2002 – Jun 2009 Senior Hydrogeologist, Ground Water Division, DPHE, Dhaka.
Assist the Division and the Superintending Engineer of the Circle. Worked as Project Hydrogeologist in Repairing, Rehabilitation and Upgrading of Water Supply System including Regeneration Project. Engaged in the project work of Environmental Sanitation and Water Supply with piped network in Thana Sadar & Growth Centre (1st Phase) Project.
Engaged in Village Piped Water Supply under GOB-4 Project.
Engaged in DFID assisted project DPHE-BGS Groundwater Investigation for Arsenic Contamination in Bangladesh,
- Mar 1996 - May 2002 Junior Hydrogeologist, Ground Water Division, DPHE, Dhaka.
Assist the Division and the Superintending Engineer of the Circle. Deputed to work with local & expatriate Consultants in DANIDA Urban Water Supply and Sanitation Project (5 Districts). Engaged in DFID assisted project DPHE-BGS Groundwater Investigation for Arsenic Contamination in Bangladesh,
- Sep 1993 – Feb 1996 Junior Hydrogeologist, Ground Water Circle, DPHE, Dhaka.
Assist the Superintending Engineer of the Circle.
Engaged with the project work of local Consultants in Dutch assisted Water Supply, Sanitation & Drainage of 18 District towns.
Engaged with the Unicef assisted Geo-electrical Surface Sounding Programme in CHTs Districts


Oct 1990 – Aug 1993 Junior Hydrogeologist, Ground Water Division, DPHE, Dhaka.
Deputed to work with Dutch expatriate & local Consultants of Dutch assisted projects on Production Well Monitoring and Regeneration (WMP) throughout the country and development of Well Management Information System (WMIS)

Dec 1989 – Sep 1990 Junior Hydrogeologist, R & D Division, DPHE, Dhaka.
Deputed to work with DANIDA expatriate & local Consultants of DANIDA & SIDA assisted projects in Coastal Belt areas, Low Water Table areas, Iron Problem areas and Stony areas

Nov 1989 – Dec 1989 Geological Assistant
Study/ Survey on availability of Hard Rock in Chittagong and Chittagong Hill Tracts under Jamuna Multipurpose Bridge Authority,
Pathmark Associates Limited, Dhaka.

Apr 1992 – Aug 1989 Field Office
Water Survey for Barind Integrated Area Development Project,
BCEL, BCIL & Desh Upadesh Limited, Dhaka.

Date and Place


Abdun Noor