



Sarwat jabeen

Deputy Director (Geology)

Geological Survey of Bangladesh

153 Pioneer road, Segunbagicha,
Dhaka, Bangladesh

Contact:

+8801712638344

gsbsarwat77@gmail.com

Professional memberships:

- Member of the Bangladesh Geological Society
- Member of the IAEG_BNG national Group
- Member of the SAAWG
- Member of the IAPG

PROFILE:

Geological issues fascinated me most and thus laid down my educational path. My recent work experience has convinced me that the best way to advance my career interests is to Urban and Engineering geology. So that I can apply my knowledge and skills for my dream fulfillment.

WORK EXPERIENCE:

Technical Project:

1. Building Ground information System of Dhaka City, Bangladesh (BGIS)
2. Geo-information for Urban Development, Bangladesh (GUD)
3. Geo-information for Urban Planning and Adaptation of Climate Change (GeoUPAC)

Responsibilities:

Data acquiring from the field, database development, geotechnical data analysis and preparing various types of geological maps using GIS, 3D modelling and other specialized software.

EDUCATION:

Master of Science:

- Engineering Geology (Universiti Kebangsaan Malaysia (UKM), Malaysia)
- Geological Sciences (Jahangirnagar University, Bangladesh)

Bachelor of Science:

Geological Sciences (Jahangirnagar University, Bangladesh)

SKILLS

- Successful working in team environment as well as independently.
- The ability to work under pressure and multi-task.

Software: ArcGIS, QGIS, SAGA, ISEG, Subsurface Viewer MX ver.8

TRAINING & WORKSHOPS:

- Training Course on Introductory ArcGIS and its Application in geoscience.
- Training on Remote Sensing applications using ERDAS image professional, Virtual GIS, Delta Cue, Auto sync and vector module.
- Training Course on Sustainable Operation of Seismograph Networks and earthquake Studies in Bangladesh.
- Advance training on Geoscientific 3Dmodels using Subsurface Viewer MX ver.8.
- Introduction of Information System Engineering Geology (ISEG).
- Advance GIS and SAGA-GIS.
- Interpretation of Geological Laboratory Results.
- Data Management and Reporting.
- Webpage Design.
- Workshop on Geo-scientific mapping in areas of unconsolidated sediments.

PUBLICATION

(International)

1. Assessment of Natural and Anthropogenic hazards for Purbachal New town and Surroundings using High resolution Air Photographs and Airborne laser Scanning data (LiDAR), 2009. Aziz, M.A., Asaduzzaman, A.T.M., Faruqa ,N.N. Sabuj, N, **Jabeen, S.**
Proceedings of International Conference on Geoscience for Global Development (GeoDev) Oct 26-31,2009, Dhaka , Bangladesh.Vol-1
2. Role of Tannery waste to ground water pollution in Dhaka city 2009.**Jabeen,S.**
International Conference on Geoscience for Global Development (GeoDev) Oct 26- 31,2009, Dhaka , Bangladesh. Abstract Vol.
3. Three dimensional (3-D) Building Ground Information System-Case study Dhaka.
Asaduzzaman, A.T.M., RüdigerL R.R, Faruqa N.N , Kamal M.A, Nury, S.N., Aziz, M.A Sabuj, N, **Jabeen, S.**
International Conference on Geoscience for Global Development (GeoDev) Oct 26- 31,2009, Dhaka ,Bangladesh. Abstract Vol.
4. Subsurface information for risk-sensitive urban spatial planning in Dhaka Metropolitan City, Bangladesh. 2016, Grunther A, Aziz, M.A., Bhals,R., Asaduzzaman, A.T.M , RüdigerL RR, Kamal, M.A., Faruqa, N.N., **Jabeen, S.**
Geophysical Research Abstracts, Vol. 18, EGU2016-5874, 2016, EGU General Assembly 2016.

<http://adsabs.harvard.edu/abs/2016EGUGA..18.5874G>

<http://www.researchgate.net/publication/275099355>
5. Geomorphic Map of Greater Dhaka City; GSB, 2014. Asaduzzaman, A.T.M., Kamal, M.A., Faruqa, N.N., **Jabeen, S.** ,Ludwig R. R., Bhals, R., Grunther A.

https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Downloads/bangladesh_geomorphology.pdf?__blob=publicationFile&v=2

https://www.researchgate.net/publication/307546332_Geomorphic_map_of_Greater_Dhaka_Bangladesh

6. Infrastructure Suitability Map of Greater Dhaka City; GSB, 2014. Asaduzzaman, A.T.M., Ludwig, R.R., Bhals, R., Grunther, A., Kamal, M.A., Faruqa, N.N., **Jabeen, S.** https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Downloads/bangladesh_infrastructure.pdf?__blob=publicationFile&v=2

(National)

1. Allowable Bearing Pressure for Shallow Strip Foundation Design in Kushtia Town and Surrounding area, Bangladesh, 2021. **Jabeen, S.**, Feruj.M A., Grunther, A., Buchert.W., Kamal, M.A, Faruqa, N.N.
National Seminar on Geosciences for Sustainable Development of Bangladesh, 15 Dec, Dhaka, Bangladesh. Abstract Vol.
2. Engineering geological maps for Urban and Infrastructure Development Planning of Faridpur Town and Surrounding area, Bangladesh, 2021. Buchert,W, Feruj.M A, **Jabeen, S.**, Kamal, M.A, Faruqa, N.N.
National Seminar on Geosciences for Sustainable Development of Bangladesh, 15 Dec, Dhaka, Bangladesh. Abstract Vol.

Unpublished (GSB DATA Centre)

1. Engineering Geological Map of Dhaka City; 2012. Asaduzzaman, A.T.M., Kamal, M.A., Faruqa, N.N., **Jabeen, S.**, Nury, S.N. GSB report (**GSB/DATA/UR-NO:695**)
2. Urban- Engineering Geology of Purbachal New Town area and Surroundings, Dhaka, Bangladesh, 2013. Asaduzzaman, A.T.M., Kamal, M.A., N, Faruqa, N.N., **Jabeen, S.** (GSB/DATA/UR-NO: 786)
3. Engineering Geological and Geological information of Cox's Bazar and surroundings. 2014. Kamal, M.A., Sabuj, N, **Jabeen, S.** (GSB/DATA/UR-NO:773)
4. Urban geology and three dimensional (3D) building ground Information of part of Dhaka city, 2014. Asaduzzaman, A.T.M., Ludwig, R.R., Faruqa, N.N., Kamal, M.A., Nury, S.N., Sabuj, M.N., **Jabeen, S.** (GSB/DATA/UR-NO:784)
5. বাংলাদেশ ও জার্মান সরকারের যৌথ অর্থায়নের প্রকল্প রাজউক DAP এলাকার ভূতাত্ত্বিক ও ভূতাত্ত্বিক মানচিত্র এবং কারিগরী প্রতিবেদন "Geo-Information for Urban Development, Bangladesh (GUD), 2016. Patwary, M.A.A., Ludwig, R.R., Faruqa, N.N., Kamal, M.A., **Jabeen, S.**, Hossain, M.A., Asaduzzaman, A.T.M., Bhals, R., Grunther, A., Zaman, S., Hossain, M.A., Feruj.M A, Kabir, M .A. (GSB/DATA/ UR-NO:816)