

Sl no.	Name of the Researcher with Designation	Title of the Research Work	Area of the Research	Year of completion/ongoing	Nos. of Research Works Published	Name of the Journal (if the research work is published)	Impact Factor Journal	Journal/Publication Link	Remarks
1	Tansir Zaman Asik, Lecturer	Application of Remote Sensing and GIS for the Spatio-Temporal Change Analysis of the Padma river bank erosion-accretion (1991-2018)	Water Resources	2020	11	BAIUST Academic Journal		https://journal.baiust.edu.bd/volumes-issues/	
		A Comprehensive Study on Road Traffic Accident of Bangladesh: A Case Study on Dhaka-Cumilla National Highway	Transportation	2020		5th International Conference on Advances in Civil Engineering 2020 (ICACE 2020)		www.cuet.ac.bd	
		Determining the Most Sensitive Socioeconomic Parameters for Quantitative Risk Assessment	Risk Assessment	2019		Climate		https://doi.org/10.3390/cli7090107	
		The Dominant Climate Change Event for Salinity Intrusion in the GBM Delta	Water Resources	2019		Climate		https://doi.org/10.3390/cli7050069	
		Impact of Tidal Phase on Inundation and Thrust Force Due to Storm Surge	Water Resources	2018		Journal of Marine Science and Engineering		https://doi.org/10.3390/jmse6040110	
		Generating a Plausible Future of Salinity Intrusion due to Mora-Like Cyclone along the Coast of Bangladesh	Water Resources	2018		21st Congress of International Association for HydroEnvironment Engineering and Research (IAHR), Asia Pacific Division (APD)		https://iahrapd2018.ugm.ac.id/wp-content/uploads/2018/09/21st-IAHR-APD-2018-Volume-2.pdf	
		Effectiveness of Adaptive Measures against Storm Surge Hazard based on Field Experience from a Real Time Cyclone in Bangladesh Coast	Water Resources	2018		2nd UIU International Conference on Sustainable Development		N/A	
		Integrated Water Resource Management: A Case Study on Bagerhat	Water Resources	2018		4th International Conference on Advances in Civil Engineering 2020 (ICACE 2020)		www.cuet.ac.bd	
		Bearing Capacity Analysis of Piled Raft Foundation by Numerical Analysis Using Finite Element Method (FEM) for Dhaka-Chittagong Elevated Expressway	Geotechnical	2017		1st International Conference on Engineering Research and Practice		N/A	
		Geotechnical Hazard Analysis of River Embankment of Bangladesh and its protectability	Geotechnical	2016		International Journal of GEOMATE		http://www.geomatejournal.com/articles/2016/10/22	
Correlation of Soil Parameters for the Proposed Dhaka - Chittagong Elevated Expressway	Geotechnical	2016	BUET-Anwar Ispat 1st Bangladesh Civil Engineering Summit		N/A				

2	Md.abu Zafor, Associate Professor	Study on Frequency Analysis of Sylhet City's Road Accident	Transportation	2012	14	International Journal of Engineering and Technology Volume 2 No. 4, April, 2012	http://www.ijetch.org/list-6-1.html	
		Water Quality And Risk Assessment Of Goalichara In The Vicinity Of Sylhet City	Environment	2012		IJERA	http://www.ijera.com/	
		ANALYSIS AND COMPARISON OF SURFACE WATER QUALITY PARAMETERS IN AND AROUND DHAKA CITY	Environment	2012		INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY (IJCIET)	http://www.iaeme.com/	
		Surface water quality and risk assessment in the vicinity of Sylhet City	Environment	2013		International Journal of Water Resources and Environmental Engineering	http://www.academicjournals.org/IJWREE	
		Assessment of noise pollution of two vulnerable sites of Sylhet city, Bangladesh	Environment	2014		March 2014 International Journal of Water Resources and Environmental Engineering 6(3):112-120	https://academicjournals.org/journal/IJWREE/article-abstract/57876A446748	
		A study on cause and effects of noise pollution due to stone crusher machine at Jaflong, Sylhet	Environment	2016		International Research Journal of Engineering and Technology	IRJ Publishing House	
		Rainfall Forecasting in Northeastern part of Bangladesh Using Time Series ARIMA Model	Environment	2016		Research Journal of Engineering Sciences	http://www.isca.in/IJES/Archive/v5/i3/4.ISCA-RJEngS-2016-091.php	
		Analysis of annual and seasonal rainfall trend and variability at Sylhet region in Bangladesh	Environment	2016		ARPJ Journal of Engineering and Applied Sciences	http://www.arpnjournals.com/ieas/volume_11_2016.htm	
		Spatial Variation of Iron (Fe) Concentration in Groundwater of Greater Sylhet District Using Geostatistical Mapping	Environment	2017		Nature Environment and Pollution Technology An International Quarterly Scientific Journal	https://neptjournal.com/upload-images/NL-61-16-(14)D-614.pdf	
		Trend Analysis of Different Climatic Parameters Related to Rice Production in North Eastern Part of Bangladesh	Environment	2017		International Journal of Engineering and Technology		
		The analysis of groundwater table variations in Sylhet region, Bangladesh	Environment	2017		Environmental Engineering research	http://eeer.org/journal/view.php?number=851	
		Application of SWAT Model for Assessing Water Availability in Surma River Basin	Environment	2019		Journal of the civil engineering Forum	https://jurnal.ugm.ac.id/icef/article/view/39191/23570	
		Application of Remote Sensing and GIS for the Spatio-Temporal Change Analysis of the Padma River Bank Erosion-Accretion (1991-2018)	Environment	2020		BAIUST academic journal	BAIUST academic journal	
Prediction of Rainfall using Machine Learning Algorithms for Different Districts of Meghalaya	Environment	2021	6th International Conference on Engineering Research, Innovation and Education (ICERIE 2021)	SUST				

3	Md. Ridwan Bin Alam, Lecturer	Modal Shift after Lockdown due to Covid-19 in N1 Highway-Bangladesh	Transportation	ongoing	4	N/A	N/A	N/A	
		Effects of Global Emission of Greenhouse Gases-CO ₂ , N ₂ O, and CH ₄ on Climate Change of Dhaka City	Environment	2020		BAIUST Academic Journal		https://journal.baiust.edu.bd/wp-content/uploads/2021/03/Article-9.pdf	
		Tendency of Intracity Bus Drivers to Use Cell Phone While Driving Using Ordered Probit Model	Transportation	2020		Canadian Society for Civil Engineering (CSCE) Annual Conference		https://csce2020.ca/	
		A study of Ground surface Motion for Different Locations of Dhaka City	Geotechnical	2015		IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)	3.781	https://www.iosrjournals.org/iosr-jmce.html	
		Differential Settlement at Bridge Approaches' in Bangladesh	Geotechnical	2014		International Journal of Engineering and Technology (IJET)		http://www.ijetch.org/papers/729-U1004.pdf	
4	Ann Nazmun Sakib	Effects of Global Emission of Greenhouse Gases-CO ₂ , N ₂ O, and CH ₄ on Climate Change of Dhaka City	Environment	2020	1	BAIUST Academic Journal		https://journal.baiust.edu.bd/wp-content/uploads/2021/03/Article-9.pdf	
5	Ashrafal Tamjeed	Structural Health Monitoring of Japan Bangladesh Friendship Bridge	Structural Engineering	2019	3	International Journal of Engineering Research &	0.5	https://www.ijert.org/structural-health-monitoring-of-japan-bangladesh-friendship-bridge	
		Stress Analysis of the Shore Pile of a Braced Cut Using Finite Element Method	Structural Engineering	2020		BAIUST Academic Journal		https://journal.baiust.edu.bd/volumes-issues/	
		Application of UHPFRC in Structural Retrofitting and Repair of Bridge Components: A Review	Structural Engineering	2020		5th International Conference on Advances in Civil Engineering 2020 (ICACE 2020)		www.cuet.ac.bd	
6	Md. Atiqur Rahman	Application of Remote Sensing and GIS for the Spatio-Temporal Change Analysis of the Padma river bank erosion-accretion (1991-2018)	Water Resources	2020	2	BAIUST Academic Journal		https://journal.baiust.edu.bd/volumes-issues/	
		Stress Analysis of the Shore Pile of a Braced Cut Using Finite Element Method	Structural Engineering	2020		BAIUST Academic Journal		https://journal.baiust.edu.bd/volumes-issues/	

7	Iftekhar Alam Dipta	A Study on Green Lightweight Concrete using Recycled Poly-Ethylene Terephthalate (PET) as Coarse Aggregate	Concrete Materials	2017	7	International Conference on Engineering Research, Innovation and Education 2017 ICERIE 2017, 13–15 January 2017, SUST, Sylhet, Bangladesh.			
		Effect of river water pollution on surrounding area of Dhaka city	Environment	2018		International Conference on Research & Innovation in Civil Engineering (ICRICE 2018), 12-13 January 2018, Southern University Bangladesh			
		Impact of Regional Climate Change on Human Health: A Situation Analysis for Diarrhea Around Dhaka City	Environment	2017		Engineering Research, Innovation and Education 2017 ICERIE 2017, 13–15 January 2017, SUST, Sylhet, Bangladesh			
		An assessment of the changing trends of weather parameters due to climate change in Dhaka city	Environment	2017		World Journal of Science and Engineering- Vol.-2, Number 1, January 2017 (ISSN 2408-9974)			
		Influence of Risk husk ash as admixture in concrete to Seal moisture	Concrete Materials	2019		World Journal of Science and Engineering -Vol.-4, Number 1, June 2019 (ISSN 2408-9974)			
		Evaluating users' opinion on ridesharing transportation system: explanatory analysis and results of a survey in Dhaka city	Transportation	2020		1st International Conference on Transportation Research 2020 (ICTR 2020), BRRL, Mirpur, Bangladesh			
		Investigation of recycled poly-ethylene terephthalate (PET) as partial replacement of coarse aggregate in concrete	Concrete Materials	2018		Journal of Civil Engineering (IEB			