

Publication State of EWCE Department

Publication in 2025

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
1	Journal Article-2025	Dr. Abul Fazal M. Saleh	Environmental Flow Estimation for the Jamuna River	Tech J. River Res. Inst. 17(1), pp 32 42, 2025	3 rd Author	
2		H M Imran Kays	Identifying traffic control mechanism to improve the level of service and resilience in road networks based on topological credentials	Transportation Research Interdisciplinary Perspectives, 34, Article 101729.	2 nd Author	
3			Modeling Flood Propagation and Cascading Failures in Interdependent Transportation and Stormwater Networks	International Journal of Critical Infrastructure Protection, 100741 (IF-4.1)	1 st Author	
4			Translating risk narratives in socio-technical systems into infrastructure utilization metrics during compounding hazard events	Transportation Research Interdisciplinary Perspectives, 30, 101361 (IF-3.9).	1 st Author	
5		Ahadul Islam	Investigating Bicycle Crash Frequency, Severity, and Safety in Numbers at Signalized Intersections in Utah Using Crowdsourced Data	Journal of Cycling and Micromobility Research	1 st Author	
6	Conference Paper-2025	Mohammad Shafiul Azam	Human Health Risk Evaluation from Heavy Metal Exposure Through Fish Consumption	Proceedings of the International Conference on Civil Engineering Research & Innovations, 2025, Rajshahi University of	Co-author	

				Engineering & Technology, Rajshahi, Bangladesh.		
7			Mapping and Predicting Groundwater Potential and Depletion in DWASA MODS Zone-4: GIS and Machine Learning Approaches for Sustainable Groundwater Recharge	Proceedings of the International Conference on Civil Engineering Research & Innovations, 2025, Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh.	Co-author	
8		H M Imran Kays	Predicting Long-Term Urban Traffic Patterns Under Varying Weather Conditions with AI	Conference on Transportation & Development (ICTD 2025), June 8-11, 2025	1 st Author	
9			Assessing Pavement Vulnerability to Flooding through Interdependencies in Road and Stormwater Networks	International Conference on Transportation and Development 2025 (pp. 593-603).	2 nd Author	
10			Modeling EV Adoption Potential Using Public Perception and Infrastructure Accessibility	International Conference on Transportation and Development 2025 (pp. 286-299)	2 nd Author	
11			Modeling Flood Propagation and Cascading Failures in Interdependent Transportation and Stormwater Networks	104th Transportation Research Board Annual Meeting, January 5–9, 2025	1 st Author	
12		Nishat Islam	Identifying Erosion Hotspots and Assessing their Impacts on the Communities at Jamuna Teesta Confluence	10th International Conference on Water and Flood Management (ICWFM-2025)	Author	
13		Sumaya Tasnim Rasna	Assessment of Groundwater Vulnerability Considering Water Quality	10th International Conference on Water and Flood Management (ICWFM-2025)	Author	

			using Drastic Model: A Case Study in Narayanganj City Corporation			
--	--	--	---	--	--	--

Publication in 2024

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
1	Journal Article-2024	Md Kabirul Islam	Sedimentation enhancement and its retention through integration of vegetation with permeable groin-like structure in tidal river	Progress in Disaster Science, 2024	1 st Author	
2			Establishing morpho-dynamic baseline for flow-sediment management of a tidal river in the Ganges– Brahmaputra– Meghna Delta system through field measurement	Environmental Fluid Mechanics, 2024	1 st Author	
3		Mohammad Shafiul Azam	Assessing the Impact of Seasonal Groundwater Variability on the Performance of Arsenic Removal by Iron Amended Ceramic Filter	Sustainable Water Resources Management, Vol. 10	Author	
4		H M Imran Kays	A Data-driven Resilience Framework of Directionality Configuration based on Topological Credentials in Road Networks	IEEE Transaction in Intelligent Transportation System (IF-7.9)	1 st Author	
5			How Public Perception Shape Transportation Policies: Integrating	Transportation Research Record (Under Review) (IF-1.6).	1 st Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			Socio-Geographic Monitoring Stations with National Databases			
6	Conference Paper-2024	G M Faruque	Seismic Performance of Reinforced Concrete Buildings Using Pushover Analysis	7th International Conference on Advances in Civil Engineering (ICACE-2024)	2 nd Author	
7		Dr. Abul Fazal M. Saleh	A Gis-Based Modified Drastic Model for Assessing Groundwater Vulnerability in Tongi, Gazipur District of Bangladesh	7th International Conference on Advances in Civil Engineering (ICACE-2024)	Co-author	
8			Effect of Land Use and Land Cover Changes on Soil Erosion using Revised Universal Soil Loss Model in An Urban Area: A Case Study	7th International Conference on Advances in Civil Engineering (ICACE-2024)	Co-author	
9		Mohammad Shafiul Azam	A Spatiotemporal Evaluation of the Relationship Between Air Quality Index (AQI) and Urban Vegetation Cover (NDVI) In Dhaka City	7th International Conference on Civil Engineering for Sustainable Development (ICCESD 2024), 7~9 February 2024, KUET, Khulna, Bangladesh.	Co-author	
10		Kazi Shamima Akter	Performance Evaluation of Bitumen Mixture using Polyethelene Terephthalate (PET) Resins	7th International Conference on Advances in Civil Engineering (ICACE-2024)	Co-author	
11		H M Imran Kays	How Public Perception Shape Transportation Policies: Integrating Socio-Geographic	104th Transportation Research Board Annual Meeting	1 st Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			Monitoring Stations with National Databases			
12			Translating Risk Narratives in Socio-technical Systems into Infrastructure Utilization Metrics during Compounding Hazard Events	103rd Transportation Research Board (TRB) Annual Meeting, January 7–11, 2024	1 st Author	
13			A Data-driven Resilience Framework of Directionality Configuration based on Topological Credentials in Road Networks	103rd Transportation Research Board (TRB) Annual Meeting, January 7–11, 2024	1 st Author	

Publication in 2023

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
1	Journal Article- 2023	Mohammad Shafiul Azam	Influence of iron, phosphate, and silicate on arsenic removal from groundwater using a low-cost ceramic filter	Water Environment Research, Vol. 95, no. 11	Co-author	
2			Arsenic Release Dynamics of Paddy Field Soil During Groundwater Irrigation and Natural Flooding	Journal of Environmental Management	1 st Author	
3		H M Imran Kays	Exploring the Interdependencies Between Transportation and Stormwater Networks: The Case of Norman, Oklahoma	Transportation Research Record, 03611981231189747 (IF-1.6)	1 st Author	
4			Centrality-based Lane interventions in road networks for	Applied Network Science 8.1 (2023): 1-19 (IF-1.3)	2 nd Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			improved level of service: the case of downtown Boise, Idaho			
5			Identifying Crisis Response Communities in Online Social Networks for Compound Disasters: The Case of Hurricane Laura and COVID-19	Transportation Research Record, 03611981231168120 (IF-1.6)	2 nd Author	
6		Jannatul Ferdous	Flood Inundation Mapping of Teesta River Floodplain for Different Flood Intensities using Hec-Ras 1d/2d Coupled Hydrodynamic Model	9th International Conference on Water and Flood Management (ICWFM 2023)	1 st Author	

Publication in 2022

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
1	Journal Article- 2022	Dr. Abul Fazal M. Saleh	A Multi-Criteria Analysis on Solar and Traditional Technologies in Irrigation Develop	Journal of Engineering Science, Vol. 13(2), pp. 101-110, 2022	1 st Author	
2		Md Kabirul Islam	A Simplified Concept to Test Erosion or Sedimentation Potential along a Tidal River in the Ganges-Brahmaputra-Meghna Delta	Journal of Geoscience and Environment Protection, 2022	1 st Author	
3		Mohammad Shafiul Azam	Assessment of Biomass Production and Greywater Treatment Capability of Algal Based	International Journal of Environmental Science and Technology, Vol. 19.	Co-author	

			Membrane Bioreactor			
4		Ahadul Islam	Examining pedestrian crash frequency, severity, and safety in numbers using pedestrian exposure from Utah traffic signal data	Journal of transportation engineering	1st Author	
5	Conference Paper-2023	H M Imran Kays	Towards Unifying Resilience and Sustainability for Transportation Infrastructure Systems: Conceptual Framework, Critical Indicators, and Research Needs	101st Transportation Research Board (TRB), Annual Conference, 2022, January 09-13, 2022.	1st Author	

Publication in 2021

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/conference	Status	Remarks
1	Journal Article-2021	Mohammad Shafiul Azam	Wastewater Treatment by Microalgal Membrane Bioreactor: Evaluating the Effect of Organic Loading Rate and Hydraulic Residence Time	Journal of Environmental Management	Co-author	
2		F. R. M. Rafid Hasan	Modelling Net Irrigation Water Requirements and Irrigation Scheduling of Boro Rice using Fao Cropwat 8.0 and Climwat 2.0: A Case Study of Rajshahi Regions, Bangladesh	Journal of Global Ecology and Environment	Co-author	
3		Mohammad Kashif Shahid	Designing a Water Sprinkling Device as an abatement measure for Air	International Journal of Scientific and Engineering Research (IJSER)	Co-author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/conference	Status	Remarks
			Pollution Control.			

Publication in 2020

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/conference	Status	Remarks
1	Conference Paper-2020	Simlia Satter Song	Identification of Groundwater Potential Zones of Dhaka City Using GIS	11th International Conference on Sustainable Built Environment (ICSBE) 2020, Earl's Regency Hotel, Kandy, Sri Lanka	Co-author	
2			Assessment of Groundwater Quality using Water Quality Index (WQI) and GIS in Dhaka City	11th International Conference on Sustainable Built Environment (ICSBE) 2020, Earl's Regency Hotel, Kandy, Sri Lanka	Co-author	

Publication from 2015 to 2019

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/conference	Status	Remarks
1	Conference Paper-2019	G M Faruque	Exploring Heterogeneity in Perception of Service Quality among Groups of Passenger Ferry Users	Proceedings of the International Conference on Transportation and Development, Virginia, USA (2019)	2 nd Author	
2	Journal Article-2015	Dr. Abul Fazal M. Saleh	Simulating yield response of rice to salinity stress with AquaCrop model	Environmental Science: Processes and Impacts, Vol. 17, pp. 1118-1126, 2015	2nd Author	
3			Agricultural livelihoods in coastal Bangladesh under climate and environmental change – a model framework	Environmental Science: Processes and Impacts, Vol 17, pp. 1018-1031, 2015	Co-author	
4			Model-based Estimation of Methane Emission from	Journal of Agricultural Engineering and Biotechnology, Vol. 3 (4), PP. 125-137, 2015	Co-author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			Rice Fields in Bangladesh			
5	Journal Article-2015	Mohammad Shafiul Azam	Application of a Low Cost Ceramic Filter to Membrane Bio-reactor for Greywater Treatment	Water Environment Research 87 (3), 233-241 (2015)	Co-author	
6	Conference Paper-2012		Characteristics of Potential Arsenic Leaching in paddy field soils	4 th International Congress: Arsenic in the Environment, Cairns Australia, July22-27, 2012.	1 st Author	
7	Journal Article-2019	Shamima Akter	Awareness on Medical Waste Management and Occupational Health Safety among the Employees Related to Medical Services at Upazila Level in Bangladesh (2019)	Journal of Environmental Treatment Techniques, 7(3), 282-288	1 st Author	
8	Journal Article-2018		Finding an Optimum Technology for Medical Waste Management at Upazila & Rural Level in Bangladesh (2018)	Journal of Environmental Treatment Technologies, 6(1), 1-7	Co-author	
9	Journal Article-2017		Water Use and Pollution Recognition from the Viewpoint of Local Residents in Dhaka, Bangladesh (2017)	Water, 9(5), 331, 1-14	1 st Author	
10			Urban Heat Island Intensity Assessment through Comparative Study on Land Surface Temperature and	Intl. Journal of Civil, Environmental, Structural, Construction and Architechatural Engineering, 11 (1), 37-42.	Co-author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			Normalized Difference Veetation Index: A Case Study of Chittagong, Bangladesh (2017)			
11	Conference Paper-2017		Urban Heat Island (UHI) Intensity Assessment through Comparative Study on Land Surface Temperature (LST) and Normalized Difference Vegetation Index (NDVI): A Case Study of Chittagong, Page 5 of 11 Bangladesh.	19th International Conference on Civil Engineering Technologies, 8-9 January, 2017, Singapore. Proceeding 19(1), Part I, 105-110	Co-author	
12	Conference Paper-2016		Analytical Study of the Changes in Land Use Patter of Chittagong City Using Landsat Imagery	1st Bangladesh Civil Engineering Summit, BUET, 23-27 November, 2016, Proceeding pp. EE 115-121. ISBN:978-984-34-1512-7.	1 st Author	
13	Conference Paper-2015		Efficiency Evaluation for Tannery Effluent Treatment using Activated Carbon and FeCl3. International Conference on Recent Innovation in Civil Engineering for Sustainable Development	DUET, Gazipur, Bangladesh, 11-13 December, 2015. Proceeding p. 62. ISBN: 978-984-91467-9-7.	1 st Author	
14			Evaluation on Potential Aquifer Recharge Methodologies for Dhaka City	International Conference on Climate Change and Water Security, MIST, Dhaka, Bangladesh, 27 December, 2015. Proceeding p. 36. ISBN:	1 st Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/conference	Status	Remarks
				978-984-33-9966-3		
15			Potential of Polli Brick to reduce Air Pollution and Solid Waste Disposal in Dhaka City	International Conference on Climate Change and Water Security, MIST, Dhaka, Bangladesh, 27 December, 2015. Proceeding p. 37. ISBN: 978-984-33-9966-3.	1 st Author	
16			Climate Driven Impacts on Fresh Water Resources in Southwestern Coast of Bangladesh	International Conference on Climate Change and Water Security, MIST, Dhaka, Bangladesh, 27 December, 2015. Proceeding p. 38. ISBN: 978-984-33-9966-3	2 nd Author	
17	Journal Article-2017		H- CTM for simulating non-lane-based heterogeneous traffic	Transportation Letters, 1-9 (IF-3.3).	1 st Author	
18	Conference Paper-2015	H M Imran Kays	Modelling and Calibration of Fundamental Diagram for Merging Multi Lane to Single-Lane Heterogeneous Traffic Flow Situation in Bangladesh	First International Conference on Advances in Civil Infrastructure and Construction Materials (CICM), MIST, Dhaka, Bangladesh, 14-15 December 2015	1 st Author	

Publication from 2010 to 2014

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/conference	Status	Remarks
1			Simulation Model for Estimating Actual Evapotranspiration of Chili in Saline Soil	Journal of Agricultural Engineering, The Institution of Engineers, Bangladesh, Vol. 41/AE, No. 2, pp 19 22, December, 2014	Co-Author	
2	Journal Article-2014	Dr. Abul Fazal M. Saleh	Impact of Lined Canals on Shallow Tubewell Irrigation and Their Acceptability by the Farmers	The Agriculturists, Vol. 12(2), pp: 116 125, December, 2014	2 nd Author	
3	Journal Article-2013		Assessment of Agricultural Drought in 2006	Journal of Indian Water Resources Society, Vol.	Co-Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			Aman Season and Its Management by the Farmers: A Case Study in Rajshahi District (Bangladesh)	33, No. 1, pp 1-8, January, 2013		
4	Journal Article-2010		Water Pricing in Rice irrigated Minor Irrigation Systems of Bangladesh	Bangladesh Journal of Water Resource Research, Vol. 21, pp. 55-77, December, 2010.	Co-Author	
5	Journal Article-2012	Md Gazi Ferooz Rahman	Fineness of Indigenous Cement of Bangladesh and its effect on Initial and Final Settings	MIST Journal of Science and Technology, Vol-1, No. 1, May 2012.	1 st Author	
6	Journal Article-2011		Assessment of Soil Compaction: A Project Study	The Annual Technical Journal MIST, Vol. 3, No. 3, February 2011.	1 st Author	
7	Journal Article-2010		Estimated Damages and Casualties in Dhaka City Due to Possible Earthquake	The MIST Journal, Vol. 2, No. 2, February 2010.	1 st Author	
8	Journal Article-2014	Mohammad Shafiul Azam	Identification and Characterization of Dissolved Organic Matter Sources in Kushiro River Impacted by a Wetland	Ecological Engineering, 70, 459–464 (2014)	Co-author	
9	Journal Article-2012		Characterization of Arsenic Leaching in Paddy Field Soil	Journal of Civil Engineering (IEB), Vol. 40(2), 139-147 (2012)	1 st Author	
10	Journal Article-2011		Investigation of Arsenic Removal Performance by a Simple Iron Removal Ceramic Filter in Rural Households of Bangladesh	Desalination 265, 60-66 (2011)	Co-Author	
11			Application of a Simple Ceramic Filter to Membrane Bioreactor	Desalination 276, 272–277(2011)	Co-Author	
12	Journal Article-2010		Effect of Calcium and Magnesium Addition on Arsenic Leaching from Paddy Field Soil of Bangladesh	Journal of Water and Environment Technology, Vol.8 (4), 329-338 (2010)	1 st Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
13			Arsenic Leaching Characteristics of the Sludges from Iron Based Removal Process	Desalination 261, 41-45 (2010)	2 nd Author	
14	Conference Paper-2010		Leaching characteristics of arsenic from paddy field soil of Bangladesh: role of calcium and magnesium	3rd International Congress on Arsenic, Tainan, Taiwan, May 17-21, 2010	1 st Author	
15			Development of a simple type ceramic membrane bioreactor for wastewater treatment in developing countries	. 44th conference of Japan society of water environment, Fukuoka, Japan, March, 2010	Co-Author	
16			Arsenic removal from potable groundwater using household type arsenic removal filter	44th conference of Japan society of water environment, Fukuoka, Japan, March, 2010	Co-Author	
17	Journal Article-2012	Shamima Akter	Spatio-Temporal Quantification and Characterization of Drought Patterns in Bangladesh	Journal of Water and Environment Technology, 10 (3), 277-288	1 st Author	
18	Conference Paper-2014		Influence of Water Use Attitudes of Residential People on their Opinion about Water Issues in Dhaka, Bangladesh	The 11th International Symposium on Southeast Asian Water Environment (SEAWEE11), Bangkok, Thailand at 26-28 November, 2014.	1 st Author	
19			Stakeholders’ Perception Evaluation regarding water use Issues in Dhaka, Bangladesh	IWA World Water Congress and Exhibition, Lisbon, Portugal, 21-26 September, 2014.	1 st Author	
20	Conference Paper-2013		Water Use and Pollution Recognition from Residential Peoples’ Point of View in Dhaka, Bangladesh	The 5th IWA-ASPIRE Conference and Exhibition, Daejeon, Korea, September 8-12, 2013	1 st Author	
21			Stakeholders’ Point of Views about Water Use	Water and Environmental Technology Conference,	1 st Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			and Pollution Issue in Dhaka, Bangladesh	Tokyo, Japan, 15-16 June, 2013, Proceeding pp. 46		
22	Conference Paper-2011		Spatio-Temporal Quantification and Characterization of Drought Patterns in Bangladesh	The 4th IWA-ASPIRE Conference and Exhibition – Toward Sustainable Water Supply and Recycling Systems, 2-6 October, 2011, Tokyo, Japan. Proceeding pp. 239-240.	1 st Author	
23	Conference Paper-2010		Changing Pattern of Meteorological Dryness as Climate Change Impact in Bangladesh	17th Congress of the Asia and Pacific Division of the International Association of Hydraulic Engineering and Research (IAHR-APD, 2010), Auckland (New Zealand), 21-24 February 2010	2 nd Author	

Publication from 2005 to 2009

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
1	Journal Article-2009		Impact of Submersible Embankment Projects on Boro Production in Haor Areas	Bangladesh Journal of Water Resource Research, Vol. 21, pp. 55-77, December, 2009	1 st Author	
2	Journal Article-2008	Dr. Abul Fazal M. Saleh	Barind Area: A Potential Source of Groundwater for Irrigation	Journal of Agricultural Engineering, The Institution of Engineers, Bangladesh, Vol. 35/AE, pp. 1-12, December, 2008	Co-Author	
3			Judicious Irrigation for Boro Rice Cultivation in Shallow Tubewell Irrigation Project, Thakurgaon	Journal of Agricultural Engineering, The Institution of Engineers, Bangladesh, Vol. 35/AE, pp. 29-32, December, 2008	Co-Author	
4			Performance of Hose Pipe Distribution for Rice Based Crop Production in Shallow Tubewell Irrigation Project	Journal of Agricultural Engineering, The Institution of Engineers, Bangladesh, Vol. 35/AE, pp.85-92, December, 2008.	Co-Author	
5			Nutrient Loss to Water Bodies from	Journal of Civil Engineering, The Institution of Engineer,	2 nd Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			a Rice Cropped Farm	Bangladesh. Vol.36, No.1, pp. 1-11, 2008		
6	Journal Article-2005		Effect of Privatization on Groundwater Irrigation Development by Shallow Tubewell	Bangladesh Journal of Water Resource Research, Vol. 20, pp. 119-127, December, 2005	1 st Author	
7			An Experimental Study on Dynamics of Water Intake Rate in Furrow Irrigated Potato Field Considering Initial Soil Moisture Content	Bangladesh Journal of Water Resource Research, Vol. 20, pp. 139-153, December, 2005	2 nd Author	
8			Water Savings and Economics of Alternate wetting and Drying Irrigation for Rice	Bangladesh Journal of Water Resource Research, Vol. 20, pp. 81-93, December, 2005.	2 nd Author	
9			Analysis of Water Availability Constraint for Crop Intensification in Rainfed Lowland Rice Systems	Journal of Indian Water Resources Society, Vol. 25, No. 3, pp. 15-14, July, 2005	1 st Author	
10	Journal Article-2009	Mohammad Shafiul Azam	Arsenic Release from Contaminated Soil in Natural Field Conditions	Journal of Scientific Research Vol.1 (2), 258-269 (2009)	1 st Author	
11			Measurement of Soluble Arsenic in Soil of Bangladesh by Acid-alkali Sequential Extraction	Journal of Scientific Research Vol.1 (1), 92-107 (2009)	1 st Author	
12			Technical and Social Evaluation of Arsenic Mitigation Technology in Bangladesh	Journal of Health, Population and Nutrition Vol. 27(5), 674-683 (2009)	2 nd Author	
13	Conference Paper-2009		Arsenic Release from Highly Contaminated Paddy Soil of Bangladesh	43rd conference of Japan society of water environment, Yamaguchi, Japan, March, 2009	1 st Author	
14			Arsenic removal from groundwater using iron oxidizing bacteria, metal iron and	43rd conference of Japan society of water environment, Yamaguchi, Japan, March, 2009	Co-Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			simply burned filter			
15			Arsenic Leaching Characteristics of Biologically Produced Sludge	ICWFM conference, Dhaka, March, 2009	2 nd Author	
16			Evaluation of Arsenic Mobilization by Acid-alkali Method	41st conference of Japan society of water environment, Nagoya, March, 2008	1 st Author	
17	Conference Paper-2008		Evaluation of Existing Arsenic removal Technologies in rural area of Bangladesh	42nd conference of Japan society of water environment, Nagoya, March, 2008.	2 nd Author	
18	Conference Paper-2006		Arsenic removal for drinking underground water using iron bacteria	40th conference of Japan society of water environment, Chiba, March, 2006.	Co-Author	
19	Conference Paper-2009	Shamima Akter	Changes In Dryness Pattern And Drought Occurrence In Bangladesh	International Conference on Climate Change Impacts and Adaptation Strategies For Bangladesh, BUET, 18-20 February, 2009. Proceeding pp. 279-288, ISBN:984-300-003379-8	2 nd Author	
20	Conference Paper-2008		Assessing Drought Scenario	4th Conference Of The Asia Pacific Association Of Hydrology And Water Resources, Special Session Of The Asian Water Cycle Initiative, November 3-5, 2008, Beijing, China, Proceeding pp. 147-148.	2 nd Author	

Publication from 2000 to 2004

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
1	Journal Article-2003	Dr. Abul Fazal M. Saleh	Evaluation of Some Deep and Shallow Tubewell Irrigated Schemes in Bangladesh Using Performance Indicators	Agricultural Water Management, Elsevier Science, Vol. 58, No. 3, pp. 193-207, February, 2003	2 nd Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/conference	Status	Remarks
2	Journal Article-2002		Farmers' Decision Model About Crop Intensification in a Rainfed Lowland Rice System	Bangladesh Journal of Water Resources Research, Vol. 19, pp. 44-52, December, 2002	1 st Author	
3	Journal Article-2001		Performance Evaluation of Rubber Dam Projects of Bangladesh in Irrigation Development	The Journal of the International Commission on Irrigation and Drainage, Wiley InterScience, Vol.50, No.3, pp.237-248, September, 2001	1 st Author	
4	Conference Paper-2003	Mohammad Shafiul Azam	Finite Element Analyses of Horizontal Drains and its Homogenization Model	42nd conference of Landslide Society, Japan, Toyama, August, 2003	1 st Author	
5			Effects of Horizontal Drains on Slope Stability under High Upstream Ground Water Level by 3D FE-analysis	International Conference on Slope Engineering, pp.816-821(2003), Hong Kong	1 st Author	

Publication before 2000

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
1	Journal Article-1999	Dr. Abul Fazal M. Saleh	Performance of Flood Control and Drainage Projects During the 1998 Flood: A Case Study	Journal of Indian Water Resources Society, Vol.19, No.4, pp.1-8, October, 1999	1 st Author	
2	Journal Article-1998		Agro-hydrologic and Economic Analyses of On-farm Reservoirs for Drought Alleviation in Rainfed Ricelands of Northwest Bangladesh	Journal of Rural and Environmental Engineering, Japanese Society of Irrigation, Drainage and Reclamation Engineering, No.35, pp.15-26, 1998	2nd Author	
3			Performance Evaluation of Irrigation Technologies in Large Scale Projects of Bangladesh	Journal of the Indian Water Resources Society, Vol.18, No.2, pp.7-16, April, 1998	1 st Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
4	Journal Article-1996		Some Issues on Irrigation Development in Manu river Project	Journal of the Institution of Engineers, Bangladesh, Vol.CE24, No.1, pp.111-120, June, 1996.	1 st Author	
5			Analysis of Agricultural Drought in a Rainfed Lowland Rice System: A Case Study in North-West Bangladesh	Journal of Indian Water Resources Society, Vol.2, No.1, pp.51-56, January, 1996	1 st Author	
6	Journal Article-1995		Crop and Rain Water Management Strategies for Increasing Productivity of Rainfed Lowland Rice Systems	Agricultural Systems, Elsevier Applied Science, Vol.49, No.3, pp.259-276, 1995	1 st Author	
7	Journal Article-1993		Improving Soil Water Regime for Crop Intensification in Rainfed Lowlands: The Role of Dry Seeded Rice	Philippine Journal of Crop Science, Vol.18, No.2, pp.89-98, August, 1993	1 st Author	
8			Under Utilization of Large Scale Irrigation Systems: A Case Study	Journal of Indian Water Resources Society, Vol.13, No.1&2, pp.105-109, January-April, 1993.	1 st Author	
9	Journal Article-1991		Feasibility of Canal Lining in the Large Scale Irrigation Systems: A Case Study	Bangladesh Journal of Water Resources Research, Vol.12, No.1, pp.43-55, December, 1991.	1 st Author	
10	Journal Article-1989		Review of Assessments of Groundwater Resources in Bangladesh: Quantity and Quality	Journal of Irrigation Engineering and Rural Planning, Japanese Society of Irrigation, Drainage and Reclamation Engineering, No.17, pp.48-59, October, 1989	1 st Author	
11			Groundwater Table Simulation Under Different Rice Irrigation Practices	Journal of Irrigation and Drainage Engineering, American Society of Civil Engineers, Vol.115, No.4, pp.530-544, August, 1989	1 st Author	
12			Application of a Linear Programming Model for	Journal of Indian Water Resources Society, Vol.9, No.1, pp.34-40, January, 1989	2 nd Author	

S/N	Type of Publication	Faculty name	Publication title	Name of the Journal/ conference	Status	Remarks
			Maximizing Command Area and Yield of Teesta Barrage Project			
13			Recharge Simulation from Rainfall in Wetland Rice Cultivated Areas	Indian Journal of Applied Hydrology, Vol.II, No.1, pp.1-7, January, 1989.	1 st Author	
14	Journal Article-1988		A Comparative Study of the Commonly Used Methods for Calculation of Evapotranspiration of Rice	Bangladesh Journal of Water Resources Research, Vol.9, No.1, pp.63-72, December, 1988	1 st Author	
15	Journal Article-1987		Economic Polder Size for Flood Protection of Halda River Valley	Bangladesh Journal of Water Resources Research, Vol.8, No.1, pp.29-36, December, 1987.	2 nd Author	
16			Use of Supplementary Irrigation as an Alternative Approach to Food Self Sufficiency in Bangladesh-Issues and Prospects	Journal of Irrigation Engineering and Rural Planning, Japanese Society of Irrigation, Drainage and Reclamation Engineering, No.12, pp.4-13, July, 1987.	1 st Author	
17	Journal Article-1981		On-Farm Irrigation Distribution System in Bangladesh: A Simplified Approach to Planning and Design	Bangladesh Journal of Water Resources Research, Vol.2, No.1, pp.1-8, December, 1981.	2 nd Author	
18			Analysis of Annual Flood of the Ganges	Journal of the Institution of Engineers, Bangladesh, Vol.9, No.2, pp.7-22, April, 1981.	3 rd Author	