PROF. Jobair B. Alam

Professor, Civil Engineering Dept., King Abdulaziz University

Education

Degree	*Discipline*	*Institution*	*Year*
Post Doc.	Civil Engineering	Imperial College, Univ. of London, UK	2006
PhD	Civil Engineering	University of Tokyo, Japan	1996
MS	Civil Engineering	Bangladesh Univ. of Eng. & Tech	1992
BS	Civil Engineering	Bangladesh Univ. of Eng. & Tech	1989

Academic Experience

From	*To*	*Institution*	*Rank*	*Title (Chair, Coordinator, etc.)*	*Full or Part Time*
2009	Present	King Abdulaziz Univ.	Professor		Full Time
2004	2009	Bangladesh Univ. of Eng. & Tech.	Professor	Graduate Coordinator	Full Time
2006	2007	Imperial College, London		Visiting Academic	Full Time
1999	2004	Bangladesh Univ. of Eng. & Tech.	Assoc. Prof.		Full Time
1992	1999	Bangladesh Univ. of Eng. & Tech.	Assist. Prof.		Full Time
1989	1992	Bangladesh Univ. of Eng. & Tech.	Lecturer		Full Time

Non Academic Experience

From	*To*	*Company/Entity*	*Title*	*Position description (Brief)*
2004	2009	Dhaka City Corporation	Consultant	Transport Modelling
1994	1995	Tokyo Metropolitan Authority	Consultant	Transport Modelling
2000	2007	Cisco Academy	Academic Consultant	System Architecture and Design

Certifications and Professional Registrations

Registered Professional Engineer in Bangladesh

Current Membership in Professional Organizations

Member Since	*Rank*	*Society/organization*
2010	Member	Saudi Society for Civil Engineers.
1989	Fellow	Institution of Engineers, Bangladesh (F8023).
1989	Member	Bangladesh Computer Society.
2000	Member (Faculty)	Cisco Networking Academy, USA.
1997	Member	American Society for Civil Engineers, USA.
2009	Member	Saudi Council of Engineers, Saudi Arabia (SCE)

Honors and Awards

1. Commonwealth Fellowship (2006) at Imperial College, London, UK
2. 'Best Paper' in the Annual Paper Meet of the Institution of Engineers, Bangladesh.
3. Monbusho Scholarship (1993-1996) by Ministry of Education, Japan for Ph.D. Degree.

Service activities (within and outside of the institution)

1. Academic Advisor of undergraduate students
2. Graduate Curriculum Development Committee, Transportation Engineering
3. Ph.D. research work supervision
4. Reviewer of international journals and research proposals

Principal Publications/Presentations from the Past Five Years

1. Saad Aljaman, MJB Alam and AH Alzahrani, Effect of ITS on Accident Risk at Signalized Intersection A Case Study of Automatic Traffic Monitoring System in Saudi Arabia, Proceedings of Challenges in Developing Sustainable Infrastructure Conference, April 23-25, 2019, Kuwait.
2. MM Rahman, S Saha, A Hamdi and MJB Alam (2019) Development of Finite Element Models for Geo-Jute Reinforced Flexible Pavement, Civil Engineering Journal, Vol. 5 No.2. DOI: 10.28991/cej-2019-03091258.
3. S. Al-Jaman, MJB Alam and A. Hamdi (2018) Effects of Automated Traffic Enforcement on Driver Behavior at Signalized Intersection in Saudi Arabia, J. of Civil Eng. and Tech., Vol. 9 No. 2, 2018.
4. SZ Zahran, Alam, JB, A Zahrani, P Stratos, Y Smirkis and V Tsioumas (2017), Analysis of port efficiency using imprecise and incomplete data, Operational Research Int J (2017). DOI:10.1007/s12351-017-0322-9
5. SZ Zahran, Alam, JB, A Zahrani, P Stratos, Y Smirkis and V Tsioumas (2015) Analysis of port efficiency using imprecise and incomplete data, Maritime Economics and Logistics, Vol. 19(3), DOI: 10.1057/mel.2015.33
6. Bhat, C.R., Dubey, S.K., M., JB Alam, and W.H. Khushefati (2015) A New Spatial Multiple Discrete-Continuous Modeling Approach to Land Use Change Analysis, Journal of Regional Science, Vol. 55, No. 5, pp. 801-841.
7. Bhat, C.R., S.Astroza, R.Sidharthan, M.J.B Alam, and W.H.Khushefati, (2014) A Joint Count-

Continuous Model of Travel Behavior with Selection Based on a Multinomial Probit Residential Density Choice Model, Transportation Research Part B Methodological, 68:31–51. DOI: 10.1016/j.trb.2014.05.004

8. Alam, MJB, Z Wadud, JB. Alam and JW Polak (2013) Energy Demand and Economic Consequence of Transport Policy, Int. J. of Environmental Science and Technology (IJEST), Vol. 10 No.5 DOI 10.1007/s13762-013-0240-1.

Recent Professional Development Activities

1. Advanced Training on Agent Based Modelling
2. Artificial Intelligence and Machine Learning in traffic engineering and safety.