

DR. Bin Alam, Jobair Mohsen

Professor, Civil Engineering Department, King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Post Doc.	Imperial College, Univ. of London	UK	2006
PhD	Transportation and Urban Planning	University of Tokyo, Japan	1996
MS	Traffic Engineering	Bangladesh Univ. of Eng. & Tech.	1992
BS	Civil Engineering	Bangladesh Univ. of Eng. & Tech.	1989

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2009	date	King Abdulaziz University	Professor		Full Time
2004	2009	Ban. Univ. of Eng. & Tech.	Professor	Grad. Coordinator	Full Time
2006	2007	Imperial College, London		Visiting Academic	Full Time
1999	2004	Ban. Univ. of Eng. & Tech.	Assoc. Prof.		Full Time
1992	1999	Ban. Univ. of Eng. & Tech.	Asst. Prof.		Full Time
1989	1992	Ban. Univ. of Eng. & Tech.	Lecturer		Full Time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2004	2009	Dhaka City Corporation	Consultant	Transport Modeling	Part Time
1994	1995	Tokyo Metropolitan Authority	Consultant	Transport Modeling	Part Time
2000	2007	Cisco Academy	Academic Consultant	System Architecture and Design	Part Time

Funded Research Projects and Patents from the Past Five Years

1. Traffic Safety Education Software- Deanship of Res. and Higher Ed., KAU, KSA
2. **Sustainable Transport for Urban Poor**- British Council & Lough. University, UK.
3. **Climate Change Adaptation Policy for Developing Countries**- UCL, UK.
4. **Environmental Hazard Mapping and Analysis** –DelPHE, UK& Univ. Col. London.

Certifications and Professional Registrations

Registered Professional Engineer in Bangladesh

<i>Society/organization</i>	<i>Rank</i>	<i>Since</i>
1. Saudi Society for Civil Engineers.	Member	2010
2. Institution of Engineers, Bangladesh (F8023).	Fellow	1989
3. Bangladesh Computer Society.	Member	1989
4. Cisco Networking Academy, USA.	Mem. (Faculty)	2000

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.

Institutional and Professional Services (*admin, committees, units, etc.*)

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. **Alam, MJB**, Z. Wadud, MJ Alam, J Polak, (2013) Economic and Energy Implications of Transport Policy, Int. J. of Environmental Science and Technology, Vol. 5 Issue 4.
2. **Alam, MJB**, Husain, MM, Magram, S, and Barua R. (2011), Impact of Climate Parameters on Agriculture in Saudi Arabia: Case Study of Selected Crops, Int. Journal of Climate Change: Impacts and Responses, CG Publishers, USA.
3. M.F. Hossain, S.G.M.; **J.B. Alam**, Low-Cost Rescue Robot for Disaster Management in a Developing Country: Development of a Prototype Using Locally Available Technology, Selected Papers of MODSIM World 2009 Conference and Expo, March 2010, USA.
4. K Osra, **MJB Alam**, H Al-Bar and SZ Zahran (2010), Intersection Capacity and Adjustment Factor Assessment for Mecca, KSA, Can. J. of Transp., Vol 4, Part 1.
5. MS Islam, **JB Alam** and SML Kabir (2007) Satellite Based Internet Education Delivery and E-Learning Objects Evaluation: SOI Asia And Codewitz Perspective, Int. J. on Tech. and Learning, INTI Jour. Special Issue on Teaching and Learning 2007, ISSN 1675-0284.
6. **Alam, MJB**, Z Wadud, Jahir B. Alam and JW Polak, *Implications of Transport Policy on Energy Demand and Economy of Bangladesh*, under review.
7. **Alam, MJB**, Sikder, SH and Goulías, KG, (2005) *Assessing Time Lag Between Transportation Investment and Economic Development using Data Envelopment Analysis*, **Transp. Research Record TRR 1932**, Journal of Transportation Research Board, USA.
8. **Alam, M.J.B**, Sikder S.H. and Goulías, K.G. (2004), *On the Role of Transportation in Regional Economic Efficiency in Bangladesh: A Data Envelopment Analysis*, **Transp. Research Record TRR 1864 – J. of Transportation Research Board**, USA, pp. 112-120.

Recent Professional Development Activities (*Workshops, training, etc.*)

1. ABET Workshop organized by Engineering Faculty 2011-12
2. Traffic Safety Workshop, University of Dammam, 2011.
3. Traffic safety corporate social Responsibility forum, Dammam 2013.
4. IDEAL Workshop.
5. AAU/ASU Workshops