

Samiul Hasan



Samiul Hasan was raised in Dhaka, Bangladesh where the curse of traffic congestion and the resulting air pollution plague a population of 10.5 million and where the inefficient mass transit system forces people to use an inadequate transportation system required for sustainable development. This situation compelled Samiul to realize that fostering a meaningful synthesis between city planning and implementation is a requisite. Selecting a field of study that harmonized his personal academic and social concerns posed quite a dilemma. Committed to finding solutions to relieving Dhaka's transit problems, Samiul believes that Transportation Engineering and

related technologies remain one of the most challenging fields for Bangladesh.

Samiul won the Prime Minister's Gold Medal in 2005 for securing the highest GPA from the faculty of Civil Engineering at Bangladesh University of Engineering and Technology (BUET). He graduated in 2004 with a first class first honors for which he was awarded the Malik Akram Hossain Gold Medal. That same year, he joined BUET as a lecturer. His experience for two and a half years as a faculty member made him more passionate about further strengthening his technical knowledge and towards developing a sustainable transportation system. He received his M.Sc. in Transportation Engineering in 2007.

In his master's research work, Samiul created a travel demand model for Dhaka with a comprehensive framework appropriate for a city within a developing country. The framework addressed some critical modeling issues and implements inherent characteristics of Dhaka's urban transport system. During his Fulbright Science and Technology Award program, Samiul has been pursuing his Ph.D. in Transportation Engineering from the Massachusetts Institute of Technology where he has been working in the Intelligent Transportation System Laboratory.

In the future, Samiul looks forward to gaining a deeper understanding of the implementation of technology and its impact on development. He now feels a firm determination and heartfelt responsibility to be a part of the successful development of his nation, Bangladesh.