

Jobaidul Alam Boni

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Education

University of Texas at Arlington Ph.D in Transportation Engineering	Arlington, TX 2019-present
University of Texas at Arlington M.Eng in Transportation Engineering	Arlington, TX 2017-2019
Bangladesh University of Engineering & Technology B.Sc in Civil Engineering	Bangladesh 2009-2014

Professional Experience

University of Texas at Arlington Graduate Research Assistant in Transportation Engineering	Arlington, TX 2017-present
Asian Disaster Preparedness Center (ADPC) Assistant Engineering	Bangladesh 2014-2017

Research Interest

- Areas of transportation human factors and consideration of user behavior in the design,
- Evaluation and innovation of transportation systems,
- Distraction driving and drivers' behavior,
- Transportation safety and accident analysis,
- Transportation planning.

Skills

R- Programming, Arc-GIS, VISSIM, C++, Hazus, TransCAD

Projects

Evaluating Lost Capacity Due to Technology Related Behavior Org: University of Texas at Arlington Responsibility: Conducting Research, Data collection Data Analysis and Field Work	May 2019 to present
The North Texas Regional Housing Assessment (NTRHA) Org: University of Texas at Arlington Responsibility: Conducting Research and Report writing	April 2018 to May 2019
Multi Hazard Risk and Vulnerability Assessment, Modeling and Mapping (MRVAM) Org: Asian Disaster Preparedness Center (ADPC) Responsibility: Conducting, Research, Presentation and Report Writing	Sep 2014 to August 2017
Comprehensive Disaster Management Programme Phase II Org: Asian Disaster Preparedness Center (ADPC) Responsibility: Conducting, Research, Field work Presentation and Report Writing	Aug 2014 to May 2015
Project for Capacity Development on Natural Disaster-Resistant Techniques of Construction and Retrofitting for Public Buildings in the People's Republic of Bangladesh Org: Asian Disaster Preparedness Center (ADPC) Responsibility: Conducting, Research, Field work Presentation and Report Writing	Sep 2014 to Dec 2014

Publications

Boni, Jobaidul Alam, Rahman Zia, Hyun Kate, Mattingly Stephen. ***“Evaluating Startup Loss Time of Signalized Intersection Due to Technology Induced Driving Behavior”***. Presented on 2019 Transportation and Communities Summit 2019.

Boni, Jobaidul Alam, Rahman Zia, Hyun Kate, Mattingly Stephen. ***“A Qualitative Surrogate Safety Measure to Assess Pedestrian and Bicyclist safety at both Segments and Intersections”***. Presented on 2018 Joint Western and Texas District Annual Meeting

Boni, Jobaidul Alam, Tahmina Rahman Chowdhury, and Soumya Suhreed Das. ***"A study on causes of road accidents at Dhaka to Comilla highway."*** AJIRSET (2018).

Boni, Jobaidul Alam, et al. ***"Earthquake Risk Assessment in Hilly Region: A Case Study of Bandarban Municipality, Bangladesh."*** AJIRSET (2018).