

NSF Biographical Sketch

Arif Mohaimin Sadri

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(a) Professional Preparation

Institution	Location	Major/Area	Degree & Year
Bangladesh University of Engineering and Technology	Dhaka, Bangladesh	Civil Engineering	B.Sc. – 2011
Purdue University	West Lafayette, Indiana, USA	Transportation Engineering	M.Sc. – 2012
Purdue University	West Lafayette, Indiana, USA	Transportation Engineering	Ph.D. – 2016

(b) Appointments

Institution	Location	Position	Year
<i>Florida International University</i> Moss School of Construction, Infrastructure & Sustainability	Miami, Florida	Assistant Professor	2018- present
<i>Rose-Hulman Institute of Technology</i> Civil & Environmental Engineering	Terre Haute, Indiana	Visiting Assistant Professor	2017-2018
<i>Valparaiso University</i> Department of Civil Engineering	Valparaiso, Indiana	Adjunct Professor	2017
<i>Purdue University</i> School of Civil Engineering	West Lafayette, Indiana	Ross Fellow	2015-2016
<i>Purdue University</i> School of Civil Engineering	West Lafayette, Indiana	Graduate Research Assistant	2011-2015

(c) Products

(i) Related Publications

1. **Sadri, A. M.**, Hasan, S., and Ukkusuri, S. V. 2019. Joint inference of user community and interest patterns in social interaction networks. *Social Network Analysis and Mining*, 9(1), 11.
2. **Sadri, A. M.**, Ukkusuri, S. V., Lee, S., Clawson, R., Aldrich, D., Nelson, M. S., Seipel, J. and Kelly, D. 2018. The role of social capital, personal networks, and emergency responders in post-disaster recovery and resilience: a study of rural communities in Indiana. *Natural Hazards*, 90(3), 1377-1406.
3. **Sadri, A.M.**, Hasan, S., Ukkusuri, S.V, and Suarez Lopez, J.E. 2018. Analysis of social interaction network properties and growth on Twitter. *Social Network Analysis & Mining*, 8 (1), 56.
4. **Sadri, A. M.**, Hasan, S., Ukkusuri, S. V., and Cebrian, M. 2017. Crisis Communication Patterns in Social Media during Hurricane Sandy. *Transportation Research Record*, 0361198118773896.
5. **Sadri, A.M.**, Ukkusuri, S.V., and Gladwin, H. 2017. The Role of Social Networks and Information Sources on Hurricane Evacuation Decision Making. *ASCE Natural Hazards Review*, 18(3), 04017005.

6. **Sadri, A.M.**, Ukkusuri, S.V., and Gladwin, H. 2017. Modeling Joint Evacuation Decisions in Social Networks: The Case of Hurricane Sandy. *Journal of Choice Modelling* 25, 50-60

(ii) Other Significant Publications

1. Lee, S., **Sadri, A.M.**, Ukkusuri, S.V., Clawson, R., and Seipel, J. 2019. Why Different Forms of Social Support? The Network Structure and Substantive Dimensions of Improvised Social Support Ties Surrounding Households During Post-Disaster Recovery. *ASCE Natural Hazards Review (in press)*
2. Gehlot, H., **Sadri, A. M.**, and Ukkusuri, S. V. 2018. Joint modeling of evacuation departure and travel times in hurricanes. *Transportation*, 1-22.
3. **Sadri, A.M.**, Ukkusuri, S.V., Murray-Tuite, P., and Gladwin, H. 2015. Hurricane Evacuation Route Choice of Major Bridges in Miami Beach, Florida. *Transportation Research Record*, 2532, 164-173.
4. **Sadri, A.M.**, Ukkusuri, S.V. and Murray-Tuite, P., and Gladwin, H. 2014. Analysis of Hurricane Evacuee Mode Choice Behavior. *Transportation Research Part C: Emerging Technologies* 48, 37-46.
5. **Sadri, A.M.**, Ukkusuri, S.V., Murray-Tuite, P., and Gladwin, H. 2013. How to Evacuate: Model for Understanding the Routing Strategies during Hurricane Evacuation. *ASCE Journal of Transportation Engineering*, 140(1), 61-69.
6. **Sadri, A.M.**, Ukkusuri, S. V., and Murray-Tuite, P. 2013. A Random Parameter Ordered Probit Model to Understand the Mobilization Time during Hurricane Evacuation. *Transportation Research Part C: Emerging Technologies*, 32, 21-30.

(d) Synergistic Activities

1. *Committee Communication Coordinator (CCC) and Member* of the Committee on Emergency Evacuations (ABR30) and *Member* of the Joint Subcommittee on Emergency Response (ABR30-1) of the Transportation Research Board of the National Academies.
2. *Co-Principal Investigator: "RFRP-19-004: Identifying and Tracking Emerging Transportation Trends and Indicators."* Sponsor: Florida Department of Transportation (FDOT)
3. *Editorial Member: Transportation Research Interdisciplinary Perspective, Elsevier*
Reviewer: Scientific Reports, PLOS One, Physica A: Statistical Mechanics and Its Application, Weather Climate & Society, Journal of Infrastructure Systems, International Journal of Disaster Risk Reduction, ASCE Journal of Transportation Engineering, Transportation Research- C, Transportation Research-D, Transportation Research Record, Journal of Transportation Safety & Security, International Journal of Bio-Inspired Computation (IJBIC), and others.
4. Recipient of the *Eldon J. Yoder Memorial Award* for outstanding contributions in the field of Transportation Engineering by the School of Civil Engineering, Purdue University, 2016.
5. Recipient of the *2016 Excellence in Interdisciplinary Research Award* by Purdue Office of Interdisciplinary Graduate Programs for demonstrating excellence in interdisciplinary research in the School of Civil Engineering, 2016.
6. Recipient of the *Ross Fellowship* for outstanding performance as a doctoral student in the field of Transportation Engineering by the School of Civil Engineering, Purdue University, 2015.