

Biographical Sketch

Eren Erman Ozguven

Associate Professor

Department of Civil and Environmental Engineering
FAMU-FSU College of Engineering

(a) Professional Preparation

Bogazici University	Istanbul, TURKEY	Civil Engineering	B.S.	2002
Bogazici University	Istanbul, TURKEY	Industrial Eng.	M.S.	2006
Rutgers University	New Jersey, USA	Civil Engineering	Ph.D.	2012
Rutgers University	New Jersey, USA	Transp. Engineering	Postdoc.	2012

(b) Appointments

2019–present	Associate Professor, Department of Civil & Environmental Engineering, Florida A&M-Florida State University (FAMU-FSU) College of Engineering
2013–2019	Assistant Professor, Department of Civil & Environmental Engineering, Florida A&M-Florida State University (FAMU-FSU) College of Engineering
2012	Post-Doctoral Research Associate, Department of Civil & Environmental Engineering, Rutgers University
2006–2012	Research Assistant, Department of Civil & Environmental Engineering, Rutgers University
2005	Project Engineer, Orient Research Consulting Engineers, Istanbul, Turkey
2003–2004	Project Engineer, Tancon Construction Company, Istanbul, Turkey

(c) Products

(c.i) Most Closely Related to the Project (up to 5)

1. Sriram, L. M. K., Ulak, M. B., Ozguven, E. E., and Arghandeh, R., (2019). “Multi-network Vulnerability Casual Model for *Infrastructure* Co-Resilience”, IEEE Access, 7(1), pp. 35344-35358.
2. Kocatepe, A., Ulak, M. B., Kakareko, G., Ozguven, E. E., Jung, S., and Arghandeh, R., (2018). Measuring the Accessibility of Critical Facilities in the Presence of Hurricane-related Roadway Closures and an Approach for Predicting Future Roadway Disruptions, Natural Hazards, 95(3), 615-635.
3. Ulak, M. B., Kocatepe, A., Sriram, L. M. K., Ozguven, E. E., and Arghandeh, R., (2018). Assessment of the Hurricane-Induced Power Outages from a Demographic, Socioeconomic and Transportation Perspective, Natural Hazards, 92(3), 1489-1508.
4. Kocatepe, A., Ozguven, E. E., Horner, M., & Ozel, H. (2017). Pet- and Special Needs-friendly Shelter Planning in South Florida: A Spatial Capacitated p-Median-based Approach. International Journal of Disaster Risk Reduction, 31, 1207-1222.
5. Douglas, R., Kocatepe, A., Barrett, A., Ozguven, E. E., & Gumber, C. (2017). Evacuating People and Their Pets: Older Floridians' Need for and Proximity to Pet-Friendly Shelters. Journal of Gerontology: Social Science, (in press).

(c.ii) Other Significant Products (up to 5)

1. Dulebenets, M., Abioye, O., Ozguven, E. E., Moses, R., Boot, W., and Sando, T., "Development of Statistical Models for Improving Efficiency of Emergency Evacuation in Areas with Vulnerable Population", *Reliability Engineering and Systems Safety*, 182, pp. 233-249, 2019.
2. Marcelin, J. M., Horner, M., Ozguven, E. E., and Kocatepe, A. (2016). How does accessibility to post-disaster relief compare between the aging and the general population? A spatial network optimization analysis of hurricane relief facility locations. *International Journal of Disaster Risk Reduction*, 15, 61-72.
3. Ozguven, E. E., Horner, M., Kocatepe, A., Marcelin, J. M., Abdelrazig, Y., Sando, T., and Moses, R. (2016). Metadata-based Needs Assessment for Emergency Transportation Operations with a Focus on an Aging Population: A Case Study in Florida. *Transport Reviews*, 36(3), 383-412.
4. Ozguven, E. E., and Ozbay, K. (2015). An RFID-based Inventory Management Framework for Emergency Relief Operations. *Transportation Research Part C*, 57, 166-187.
5. Ozguven, E. E., and Ozbay, K. (2014). Emergency Inventory Management for Disasters - A Review. *Journal of Emergency Management*, 12(4), 269-286.

(d) Synergistic Activities (up to 5)

1. Online graduate course development at the Department of Civil and Environmental Engineering: EGN 5458: Statistical Applications for Engineers, 2014.
2. Referee for *Transportation Research Record*, *Transportation, Disasters, Sustainability, Sustainable Cities and Society*, *Production Operations and Management*, *Journal of Infrastructure Systems*, *Transportation Research Part A, C, D and E*, *European Journal of Operational Research*, *Journal of Operational Research Society*, *Transport Policy*, and *IEEE Transactions on Intelligent Transportation Systems*.
3. Member of American Society of Civil Engineers, IEEE on Intelligent Transportation Systems Society, and Transportation Research Board Emerging Design and Technologies Committee.
4. Research Sponsor, 2015-2019, Young Scholars Program through Florida State University.
5. Editorial Board Member, 2018-ongoing, *Transportation Research Part D*.