

MarTREC is excited to have Dr. Sandra D. Eksioglu, as a researcher on one of our latest projects: A Policy and Infrastructure Evaluation Model of Commodity Flows through Inland Waterway Ports. She is the Co PI on the project with Dr. Sarah Hernandez.

Sandra joined the Department of Industrial Engineering in August 2019. She holds the John M. and Marie G. Hefley Professorship in Logistics and Entrepreneurship. She received her Ph.D. in industrial and systems engineering from the University of Florida. Prior to joining the University of Arkansas, she served as a faculty member at Mississippi State and Clemson Universities.

Sandra's expertise lies in the areas of operations research, network optimization, and algorithmic development. She uses these tools to develop models and solution algorithms for solving large-scale problems that arise in the areas of transportation, logistics, and supply chain. Her research has been sponsored by the National Science Foundation (NSF), the Department of Energy, the Department of Transportation and the Department of Homeland Security. She is currently serving in the editorial board of Optimization Letters, Journal of Energy Systems, and Journal of Cleaner Production.

Sandra was a recipient of the Institute for Operations Research and the Management Sciences (INFORMS) Moving Spirit Award for Chapters in 2010, National Science Foundation CAREER Award in 2011, and the American Society for Engineering Education (ASEE)-Southeast Mid-Career Teaching Award in 2015. She was the winner of the Best Application Paper in IISE Transactions Focus Issue on Scheduling and Logistics in 2018 & 2019. She currently serves as Chair of the Women in Engineering Division of ASEE; she was the Chair of Railway Application Section of the INFORMS, and the President of Operations Research Division of IISE.