



Dr. Xilei Zhao is a member of the leadership team and serves as the University of Florida PI assisting Dr. Tian with the AI and machine learning, data analytics, and infrastructure resilience aspects of the center. Dr. Zhao is responsible for the center leadership and management at UF. She ensures UF, as a partner of CETOC, complies with all UTC Program requirements and represents the center at external meetings such as TRB annual meetings. Dr. Zhao is an Assistant Professor of Transportation Engineering and leads the Smart, Equitable, Resilient Mobility Systems Lab at UF. Her research advances AI methods and tool development in transportation applications. Her significant contributions have led to an Outstanding Paper Award from the *Travel Behaviour and Society* journal and an Early-Career Research Fellowship awarded by National Academies' Gulf Research Program. By actively engaging civic partners in her projects, Zhao is devoted to translating basic research into practice to tackle climate change challenges. Her research has been widely published in leading transportation journals, featured in dozens of news articles, and cited in the 2020-2021 Sonoma County Civil Grand Jury Final Report.