Fatih Bektas, PhD	
Associate Professor, Department of Mechanical and Civil Engineering Minnesota State University, Mankato 327 Trafton Science Center E Mankato, MN 56001	507-389-1468 fatih.bektas@msu.edu

EDUCATION

- PhD, Civil Engineering, Iowa State University, Ames, IA
- MS, Civil Engineering, Middle East Technical University (Ankara, Turkey)
- BS, Civil Engineering, Middle East Technical University (Ankara, Turkey)

PROFESSIONAL EXPERIENCE

- Associate Professor, Department of Mechanical and Civil Engineering, Minnesota State University, Mankato, 2024–present
- Assistant Professor, Department of Mechanical and Civil Engineering, Minnesota State University, Mankato, 2019–2024
- Associate Scientist, Institute for Transportation, Iowa State University, 2015–2019
- Adjunct Faculty, Department of Civil, Construction and Environmental Engineering, Iowa State University, 2015–2019
- Research Faculty, Department of Civil, Construction and Environmental Engineering, Iowa State University, 2010–2015
- Assistant Professor Department of Engineering Technology, Texas State University, 2009–2010

SELECTED RESEARCH PROJECTS

- *Developing 18,000-psi Ultra-High-Performance Concrete* (Minnesota State University, Mankato Faculty Research Grant): 2023–present, PI
- *Effective Strategies to Extend Remaining Life of ASR-Affected Pavements* (Minnesota Department of Transportation): 2022–present, PI
- *Use of Carbon Dioxide for Sustainable and Resilient Concrete Pavements* (Minnesota Department of Transportation and National Road Research Alliance Pooled Fund): 2022–present, Co-PI
- *Benefits of Preventive Maintenance* (Minnesota Department of Transportation): 2021–present, Co-PI
- *Pavement Distress Data Quality Assurance for Iowa DOT* (Iowa Department of Transportation): 2015–2019, Co-PI
- *Effectiveness of Pavement Preservation Techniques* (Iowa Department of Transportation): 2016–2018, Co-PI

SELECTED PUBLICATIONS

- Krumwiede, D., E. Stasyuk, and F. Bektas. 2024. Heated Concrete. *Proc., Undergraduate Research Symposium*, Minnesota State University, Mankato, MN.

- Ineza, R. N., and F. Bektas. 2024. Developing 18,000-psi Concrete Using Local Materials. *Proc., Undergraduate Research Symposium*, Minnesota State University, Mankato, MN.
- Kyro, K., C. Predmore, D. Utecht, and F. Bektas. 2024. Using 4-in cubes to determine compressive strength of concrete. *Proc., National Conference on Undergraduate Research (NCUR)*, Long Beach, CA.
- Alani, D. A., F. Bektas, and L. Turanli. 2023. Use of Local Zeolite as Substitute for Silica Fume in UHSC. *Proc., 7th International Conference on Engineering Technologies (ICENTE 2023)*, Konya, Turkey.
- Alani, D. A., F. Bektas, and L. Turanli. 2023. Use of Local Zeolite as a Substitute for Silica Fume in Ultra-High Strength Concrete. *Proc., 11th International GAP Summit Scientific Research Congress*, Gaziantep, Turkey.
- Pham, N., and F. Bektas. 2021. Alternative Cementitious Materials for Use in Concrete. *Proc., SURE Program of Undergraduate Research Center (URC)*, Minnesota State University, Mankato, MN.
- Pham, N., and F. Bektas. 2021. 4-in Beams for Concrete Strength Testing. *Proc., Research Apprenticeship Program of Undergraduate Research Center (URC)*, Minnesota State University, Mankato, MN.
- Hafci, A., L. Turanli, and F. Bektas. 2021. Effect of ASR expansion on mechanical properties of concrete. *Cement-Wapno-Beton = Cement Lime* Concrete, Vol. 26, No. 1, pp. 12–23.