



Graduate Seminar

Anuoluwa Ope Adediji Ph.D., P.E

Structural Engineer at HNTB

March 10, 2025 (4:00 pm - 5:30 pm), Tiernan Hall - Room 106

[Zoom Link: Click Here](#)

Meeting ID: 994 3917 6432 Passcode: 058807

Ultra High Performance Concrete and applications in Bridges

Abstract

This presentation will discuss Ultra High Performance Concrete as an innovative material shaping the design of structures. UHPC has several applications including strengthening and rehabilitation. Differences between conventional concrete and UHPC will be highlighted, and projects that have made use of the material will be discussed.

About the Speaker

Anuoluwa Ope Adediji is a licensed structural engineer with over 7 years of experience at HNTB, where she designs and analyzes bridges and other infrastructure. She received a B.Sc. from Rutgers University in 2009, M.Eng. from Columbia University in 2010 and Ph.D. from Rutgers University in the field of Civil Engineering in 2015. Ope has prior experience conducting material research on concrete and published a dissertation on the Behavior of Concrete Bridge Decks Under Combined Shrinkage, Thermal and Live Loading.

