



**EAST TEXAS
— A&M —**

Curriculum Vita

August 2025

Instructor: Eddie Oh, Associate Professor

Academic Department: Engineering & Technology

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EDUCATION

Doctor of Philosophy
Civil Engineering (Geotechnical/Materials Engineering)
Iowa State University of Science and Technology, Ames, Iowa

Master of Science
Civil Engineering (Geotechnical Engineering)
Iowa State University of Science and Technology, Ames, Iowa

Bachelor of Science
Civil Engineering (Emphasis in Geotechnical Engineering)
Hanyang University, Seoul, South Korea

TEACHING EXPERIENCE

2012 ~ present Associate Professor
Construction Engineering, East Texas A&M University

2006 ~ 2012 Associate Professor
Civil and Construction Engineering, Kennesaw State University

2003 ~ 2006 Assistant Professor
Civil Engineering Technology Department, State University of New York at Alfred

PUBLICATIONS

Jaeheum Yeon, Burchan Aydin, Ilseok Eddie Oh, Sojung Kim, and Julian Kang, "Three-Dimensional Big-Screen Construction Project Models for Construction Engineering Students: Challenges and Opportunities", Associated Schools of Construction (ASC) International Conference, Liverpool, UK, April 15-18, 2020

Burchan Aydin, Jaeheum Yeon, and Ilseok Eddie Oh, "Survey Study of UAVs in the Construction: Knowledge, Attitudes, Practice", IISE Annual Conference, Institute of Industrial & Systems Engineers, Orlando, Florida, May 18 – 21, 2019

Mark Czarny, Jaeheum Yeon, and Ilseok Eddie Oh, "Content Analysis Approach: Infrastructure Construction Risk Identification using the Hurricanes Harvey and Katrina Disasters", Texas A&M University System's 15th annual Pathway Research Symposium, West Texas A&M University, November 1-2, 2018

Glen Craig, Byungik Chang, Ilseok Eddie Oh, Kenneth Lietch, "Recyclable Fine Aggregates in Concrete", Proceedings, Institute of Industrial & Systems Engineers (IISE) conference, Pittsburgh, Pennsylvania, May 20 – 23, 2017

Mingming Zheng, Nilo Tsung, Ilseok Eddie Oh, Guosheng Jiang, Pinghe Sun, "A Preliminary Study of the Earth Pressure Exerted on Pipelines Installed by the Open-Cut Method and Trenchless Technology", Electronic Journal of Geotechnical Engineering, Vol 21, 2016

Research Report, "Determination of Coefficient of Thermal Expansion for Portland Cement Concrete (PCC) Pavements for MEPDG Implementation", GDOT PR 10-04, October 2012

Ilseok Eddie Oh and Wasim Barham, "The Application of Artificial Neural Network for the Prediction of the Deformation Performance of Hot-Mix Asphalt", Proceedings of 2011 ASCE International Workshops on Computing in Civil Engineering, June 19 – 22, 2011, Miami, Florida

Simin Nasser, Mohammad Jonaidi, and Ilseok Eddie Oh, "Efficient Teaching Methods in Engineering Mechanics Courses", The 3rd annual Polytechnic Submit, June 8 – 10, 2011

Sunghee Kim, Ilseok Eddie Oh, "Performance of Constructed Facilities: Pavement Structural Evaluation of William P Hobby Airport in Houston, Texas", Korean Disaster Prevention Association, June, 2008

Ilseok Eddie Oh, "A Gyrotory Indentation Test – a useful tool to produce quality hot-mix asphalt", Material Matters, New York Construction Materials Association, Fall 2005

Ilseok Eddie Oh, "Fundamental Behavior of Hot-Mix Asphalt", Material Matters, New York Construction Materials Association, Fall 2005

Ilseok Eddie Oh and Brian J. Coree, "A Rapid Performance Test for SUPERPAVE HMA mixtures", Proceedings of International Symposium on Long Lasting Asphalt Pavements, International Society of Asphalt Pavements, Auburn, Alabama, June 2004

Ilseok Eddie Oh and Brian J. Coree, "A Really Simple Performance Test", Proceedings of Association of Asphalt Paving Technologists, Baton Rouge, Louisiana, March 2004

Ilseok Eddie Oh, "Technology Transfer: 2002 AAPT", Journal of Korean Society of Pavement Engineering, No.4, Vol.3, Seoul, Korea, September 2002

Ilseok Eddie Oh, "Statistical Analysis of Construction Tolerances in Asphalt Pavements", Iowa State University, Ames, Iowa, May 2001

Byang-Sik Chun and Ilseok Eddie Oh, "A Study of Effect on Railroad Base Improvement by Compaction Grouting", Proceedings of Korean Railroad Institute Spring Conference, Seoul, Korea, May 1999

Byang-Sik Chun and Ilseok Eddie Oh, "A Study of Effect on Ground Improvement by CGS", Proceedings of Korean Geotechnical Engineering Institute Spring Conference, Seoul, Korea, February 1999