



Curriculum Vita

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EDUCATION

Doctor of Philosophy, Civil Engineering, Iowa State University of Science and Technology, 2003
Master of Science, Civil Engineering, Iowa State University of Science and Technology, 2001
Bachelor of Science, Civil Engineering, Hanyang University, South Korea, 1998

TEACHING EXPERIENCE

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

2006 ~ 2012 Program Director & Associate Professor, Civil and Construction Engineering
Director, Georgia Pavement Research Center
Southern Polytechnic State University, Marietta, Georgia

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

PUBLICATIONS

- Ayman El-Zohairy, Hunter Hammontree, Eddie Oh, and Perry Moler, "Temperature Effect on the Compressive Behavior and Constitutive Model of Plain Hardened Concrete", Materials, Vol 13, Issue 12, MDPI, June 2020

- 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 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 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, Eddie Oh, Kenneth Lietch, "Recyclable Fine Aggregates in Concrete", Proceedings, Institute of Industrial & Systems Engineers (IISE) conference, May 20 – 23, 2017, Pittsburgh, Pennsylvania
- 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 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 Oh, "Efficient Teaching Methods in Engineering Mechanics Courses", The 3rd annual Polytechnic Submit, June 8 – 10, 2011, SPSU, Marietta, Georgia
- Sunghye Kim, Ilseok Oh, "Performance of Constructed Facilities: Pavement Structural Evaluation of William P Hobby Airport in Houston, Texas", Korean Disaster Prevention Association, June, 2008
- Ilseok Oh, "A Gyrotory Indentation Test – a useful tool to produce quality hot-mix asphalt", Material Matters, New York Construction Materials Association, Fall 2005.
- Ilseok Oh, "Fundamental Behavior of Hot-Mix Asphalt", Material Matters, New York Construction Materials Association, Fall 2005.
- Ilseok 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 Oh and Brian J. Coree, "A Really Simple Performance Test", Proceedings of Association of Asphalt Paving Technologists, Baton Rouge, Louisiana, March 2004.
- Ilseok Oh, "Technology Transfer: 2002 AAPT", Journal of Korean Society of Pavement Engineering, No.4, Vol.3, Seoul, Korea, September 2002.
- Ilseok Oh, "Statistical Analysis of Construction Tolerances in Asphalt Pavements", Iowa State University, Ames, Iowa, May 2001.
- Byang-Sik Chun and Ilseok 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 Oh, "A Study of Effect on Ground Improvement by CGS", Proceedings of Korean Geotechnical Engineering Institute Spring Conference, Seoul, Korea, February 1999.