

Prof. Kang-Won Wayne Lee is a faculty of Civil & Environmental Engineering (CVE) and Director of Transportation Research Lab (TRL) at University of Rhode Island (URI). He earned his B.S. in Civil Engineering from Seoul National University (SNU). Following two years as a structural engineer for Lyon Associates and TAMS Inc., he returned to academia and earned his M.S. in Geotechnical Engineering from Rutgers Univ. After briefly working as a highway construction inspector for the NJ Department of Transportation (DOT), he received his Ph.D. in Transportation Engineering from the University of Texas at Austin in 1982. He developed 3 original methods to evaluate water sensitivity of asphalt mixture, i.e., Texas Freeze-Thaw, Boiling and Pedestal tests. He also assisted Late Prof. Thomas W. Kennedy who developed Superpave asphalt mix-design. He began his higher education teaching career at the King Saud University in 1982 and joined the URI faculty in 1985. He served as URI CVE Graduate Program Director and Chairman. Prof. Lee established the RI Transportation Research Center (TRC) in 1992 and received a \$12 million research grant under the Transportation Equity Act for the 21st Century (TEA21) in 1998. He also worked with the consortium of University of Maine and received USDOT Region 1 UTC – Transpiration Infrastructure Durability Center grant (\$14.7M) in 2018.

Prof Lee's research interests are focused on Intelligent Transportation Infrastructure and Systems (ITIS), Sustainable Infrastructure and Energy. He is a founding member of the New England University Transportation Center (NEUTC) at MIT and the New England Transportation Consortium (NETC). He is a founder of the Bituminous Materials Committee (BMC) of the American Society of Civil Engineers (ASCE), and currently serves as a paper reviewer for Jnl of Transportation Engineering and Jnl of Civil Engineering Materials. He served as President of the RI Section for 2006-07 and has been elected as an ASCE Fellow in 2008. Prof. Lee was member of several committees of Transportation Research Board (TRB), and currently is a member of AKG90. Other professional memberships include ASTM, AAPT, ITE, and ASEE. He serves as a paper reviewer for the TRR, Jnl of AAPT, ASTM Jnl of Geotechnical Egr., ARR, etc.

Prof. Lee is a Professional Engineer in RI as well as in TX. He is a member of the Civil Engineering Honor Society, XE. His contributions were recognized with several awards including the Vincent and Estelle Murphy Faculty Excellence Award by URI, Meritorious Service Award by RIDOT, and Commendation by Republic of Korea President, etc. Prof. Lee has contributed to more than 150 publications in the areas of pavement, transportation and civil engineering, and has delivered more than 150 technical presentations. He served as President of the Korean American Scientists and Engineers Association (KSEA) and was elected as a member of National Academy of Engineering in Korea (NAEK).