

Dr. Byungkyu "Brian" Park

Dr. Byungkyu "Brian" Park is an Assistant Professor of Civil and Environmental Engineering Department at the University of Virginia. Prior to joining the University of Virginia, he was a Research Fellow at the National Institute of Statistical Sciences and a Post-Doctoral Research Associate at North Carolina State University. Dr. Park received the B.S. and the M.S. from the Hanyang University, Seoul, Korea, in 1993 and 1995, respectively, and the Ph.D. from the Texas A&M University in 1998.

Dr. Park is a recipient of Charley V. Wootan Award (for best Ph.D. dissertation) from the Council of University Transportation Centers, and Jack H. Dillard Outstanding Paper Award from the Virginia Transportation Research Council. He is an ASCE ExCEED teaching fellow.

He is an Associate Editor of the KSCE Journal of Civil Engineering and an editorial board member of the International Journal of Sustainable Transportation. Further, he is a member of TRB traffic signal systems committee and statistical methods committee, and chair of simulation subcommittee of traffic signal systems.

Dr. Park has published over 50 journal and conference papers in the area of transportation system operations and managements, and intelligent transportation system. His research interests include stochastic optimization for traffic signal control system, microscopic simulation model calibration and validation, and transportation system sustainability.