

Franklin L. Moon, Ph.D.

BIO

Dr. Moon is a Professor of Civil Engineering at Rutgers University and affiliated member of the Center for Advanced Infrastructure and Transportation (CAIT). His research focuses on the development and application of structural health monitoring (SHM) and structural identification (St-Id) approaches to diagnose, preserve, and renew civil infrastructure systems. Over the past decade he has been principal investigator on numerous projects funded by the National Science Foundation (NSF), the Federal Highway Administration, the National Cooperative Highway Research Program, and the National Institute of Standards and Technology, among others. Dr. Moon has received numerous awards for his research and teaching activities, including the CAREER Award from the NSF in 2009, and the Charles Pankow Award for Innovation from the American Society of Civil Engineers (ASCE) in 2016. In addition, Dr. Moon has published numerous technical papers in the realm of bridge engineering and routinely presents at both professional and scientific conferences. He is active in the international Structural Health Monitoring community and has organized and chaired various national and international workshops on topics such as health monitoring, bridge lifecycle management, and infrastructure asset management.
