

Karim Abdelwahab, Ph.D.

Dr. Karim Abdelwahab is a postdoctoral fellow in the department of Civil and Systems Engineering at Johns Hopkins University and is appointed as an Associate Researcher at the Engineering Laboratory of the National Institute of Standards and Technology (NIST). He earned his Ph.D. in civil and environmental engineering from Pennsylvania State University and received his master's degree in civil and environmental engineering from North Carolina State University. At NIST, Dr. Abdelwahab is responsible for designing and implementing a research program to assess the ability of asphalt shingles to resist applied wind induced uplift forces after experiencing material degradation caused by environmental weathering. Dr. Abdelwahab's previous research experience was in the field of structural engineering, adhesives materials, fiber-reinforced composite materials, large-scale testing, light-frame wood construction, and building science.