

3D IMAGING

FOR

ASSET MANAGEMENT

AND

DISASTER

RESPONSE

&

RECOVERY

Space is limited.
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3D Imaging methods such as terrestrial laser scanning, mobile LiDAR, airborne LiDAR, and photogrammetry have been increasingly used for asset management, disaster response, and disaster recovery. This presentation will explore and compare the application of these methods. Future development of these technologies will also be discussed.

Jie Gong, Ph.D., Assistant Professor in the Department of Civil and Environmental Engineering at Rutgers University.

Dr. Gong received his Ph.D. in Civil Engineering from the University of Texas at Austin in 2009. He conducts research in the field of building information modeling, remote sensing, and data-driven building and infrastructure sustainability studies. He teaches building information modeling, computing methods for civil engineering, and construction production management classes.

Bradley E. Adams, P.E., Woolpert, Inc.

As a Practice Leader in Woolpert's geospatial services, Mr. Adams is leading Woolpert's expansion in the Texas market. Experienced in introducing new technologies to the engineering profession, Mr. Adams has promoted and instituted the use of CADD Design and Drafting software, terrestrial Laser Scanning, Digital Aerial Mapping, and Mobile Laser Scanning.