

WEBINAR TALK ON PRACTICAL INSIGHTS: HARNESSING RECENT ADVANCES IN LIDAR AND PHOTOGRAMMETRY FOR LAND SURVEY, TOPOGRAPHICAL MAPS, DTMS, AND AS-BUILT PLANS, WITH A GLIMPSE INTO BIM MODELING

DATE: 27 MAY 2024 | TIME: 3:00 PM - 5:00PM

BEM Approved CDP: 2 Hours Ref. No.: IEM24/HQ/140/T (w)

Synopsis

The talk focuses on the use of photogrammetry, LiDAR, and laser scanning in topographical mapping and other related applications. These technologies used to be expensive and a privilege only affordable for mega-projects. However, with evolving technology, particularly the use of drones as a platform, small and tiny projects have begun to capitalize on this technology and derive enormous value. The new indoor laser scanning approach using low-cost SLAM (Simultaneous Localization and Mapping) methods will also be discussed. Various methods of visualizing the point cloud including its use as a primary data source for BIM (Building Information Modeling) modeling will be briefly touched on.

Speaker's Biodata



Sr. Wong Yew Soon

Sr. Wong Yew Soon's involvement in photogrammetry and LiDAR work spans a few decades, placing him in the forefront of witnessing how the technology has evolved and brought enormous value to various industries and users. He is currently the senior Vice President of Jurukur Perunding Services Sdn Bhd, one of the largest land surveying firms in Malaysia.

Registration fee

Student Member: Free
IEM Member: RM15.00
Non-Member: RM70.00

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