

## EME International Seminar Series



# Data Infrastructure in Smart Cities: 3D Digital Cities

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[https://civil.fcu.edu.tw/en/teachers-detail/?id=T07036&unit\\_id=CEO](https://civil.fcu.edu.tw/en/teachers-detail/?id=T07036&unit_id=CEO)

**Abstract:** Presentation title is “Data Infrastructure in Smart Cities: 3D Digital Cities.” For decades Geomatics has been the cornerstone of geospatial 3D reconstruction, relying on Remote Sensing, Photogrammetry, LiDAR and Computer Vision to derive precise spatial data from aerial and satellite platforms. These achievements are reliable to be data infrastructures in Smart Cities. This presentation provides different cases for reconstructions and applications of indoor- and outdoor-based city models with the standard proposed by Open Geospatial Consortium (OGC). Furthermore, issues related to platforms and performances are also presented. This talk is a potential to be corporation between University of Tsukuba and FCU.

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Degree Program in Engineering Mechanics and Energy  
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