

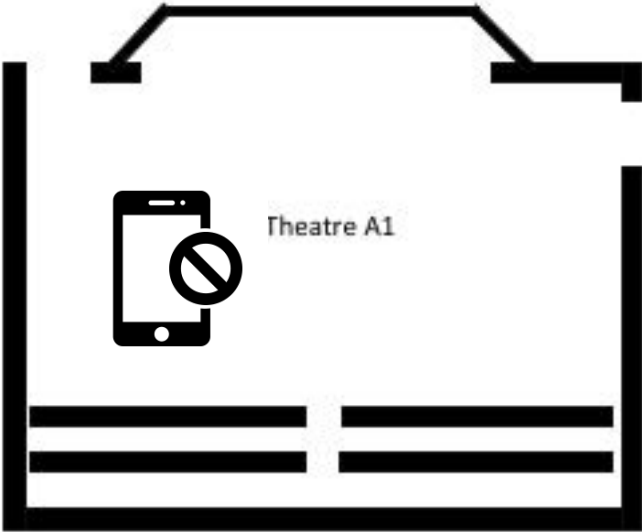
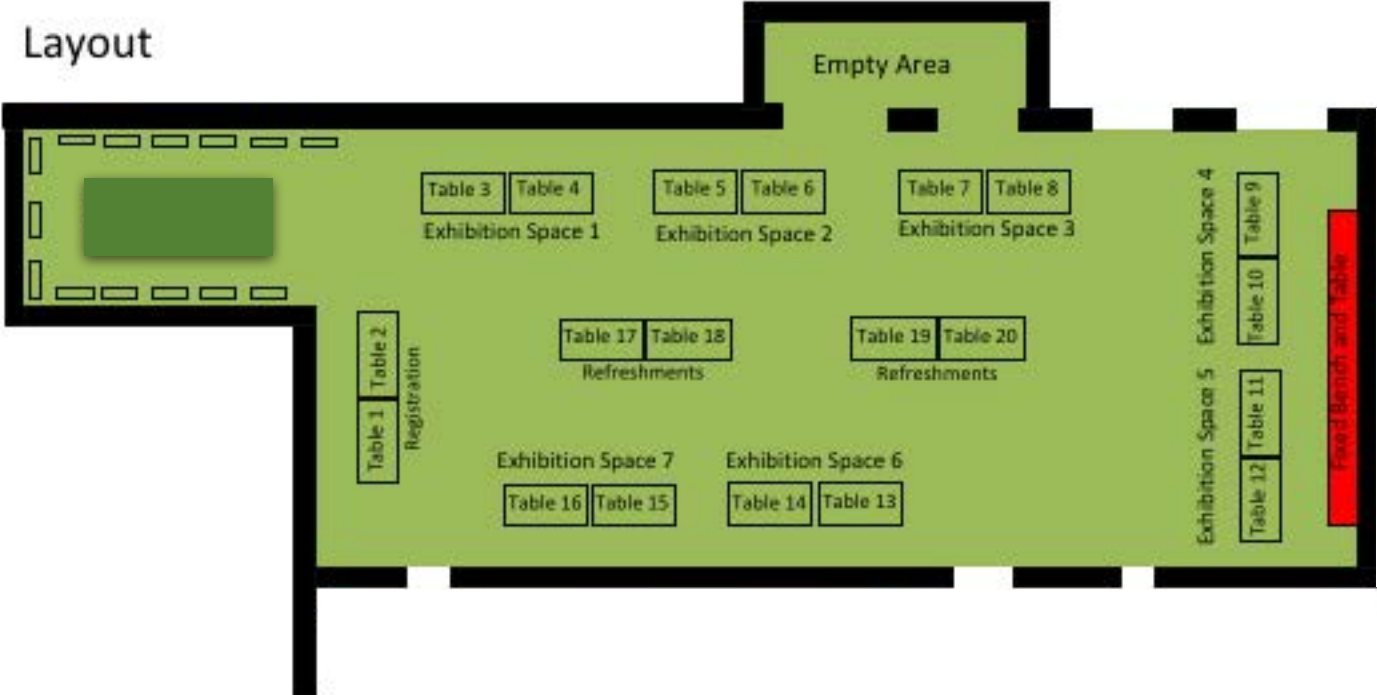
BIM and GIS Integration

25th October 2017

The University of Melbourne



Layout



Managing your presentations



Yan Li



Mitko Aleksandrov



Sponsors



BIM is an emerging opportunity

Surveying and Mapping



- Mining
- Housing
- Road and Bridge
- Heavy non housing industry

Survey Equipment



- Land
- Hydrographic

GIS



- Government and utilities
- Manufacturing and automotive
- Retail and real estate
- Telecom

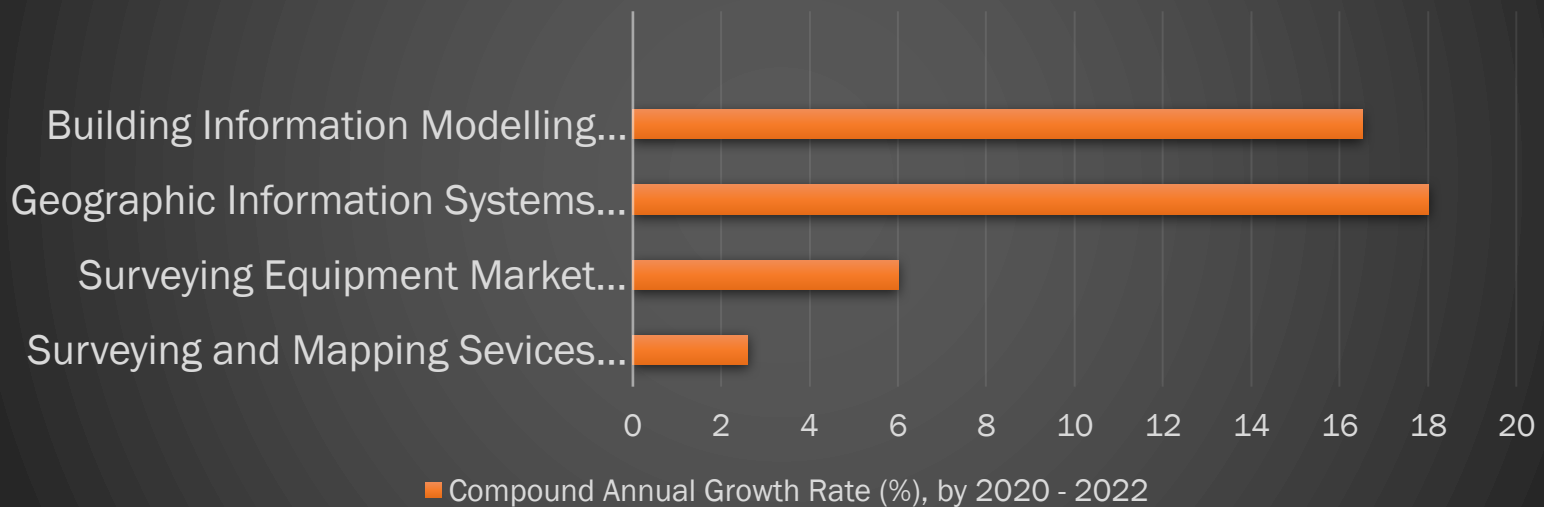
BIM



- Buildings
- Civil Infrastructure
- Oil & Gas
- Industrial
- Utilities
- Others

The growth is not in data collection

Compound Annual Growth Rate (%), by 2020 - 2022



BIM provides a continuum of opportunities



Buildings



Infrastructures



Cities



About the Workshop

- To promote BIM and raise awareness in geospatial engineering applications
- To investigate the Integration of 3D mapping technologies and BIM
- To address interoperability between BIM and other geospatial formats
- To promote applications of BIM in indoor navigation, indoor positioning, 3D cadastres, etc.

Working Group 4.2.4, Building Information Modelling, Sub-Commission 4.2, Geodesy in Geospatial Mapping and Engineering, International Association of Geodesy (IAG)

About the Workshop

- Focus on the nexus of BIM and GIS
- Discuss the challenges of integrating BIM and GIS



12 paper



Special collection of the
Journal of Surveying
Engineering,
Special issue of the
Journal of Spatial
Sciences.



Keynote

A Coordinated
Vision for GIS,
BIM and Digital
Engineering



Director,
buildingSMART
Australasia chapter