



# Day 1, Tuesday, 15 Oct 2024

Venue: Lifelong Learning Institute, Level 1, Event Hall 1-2  
11 Eunos Road 8, Singapore 408601

Time: 9.05am to 9.10am

Welcome Remarks by  
Mr Yeoh Oon Jin  
Chairman  
Singapore Land Authority (SLA)



Time: 9.10am to 9.15am

Welcome Remarks by  
Mr David Foo  
Assistant Chief Executive (Operations and Ops-Tech) /  
Chief Data Officer  
Maritime and Port Authority of Singapore (MPA)



Time: 9.15am to 9.20am

Industry Keynote by  
Mr Scott Simmons  
Chief Standards Officer  
Open Geospatial Consortium (OGC)





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Associate Professor of Information  
Systems (Practice), School of  
Computing and Information  
Systems, SMU





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In this presentation, SingHealth will provide further insights into the background and context of the Living Asset Map project and how geospatial technology has facilitated its development.



Ms Adeline Kwan  
Assistant Director, Office of  
Community Engagement  
and Education  
SingHealth Community Hospitals

This session highlights how organizations globally are leveraging GIS technology to address risks and challenges related to climate change and environmental issues. We will explore the impact of the Sustainable Development Goals (SDGs) on various organizations and demonstrate how GIS has been crucial in advancing these goals. Additionally, the session will feature examples of how GIS is being used to foster social good and drive positive change.





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Time: 11.00am to 6.00pm

Limited seats.  
Registration is confirmed upon organiser's email confirmation.

# Unlocking Insights with Aerial Mapping: Tools and Techniques

An increasing need for precise geographic information is driving the rapid expansion of aerial imagery and LiDAR data use across various industries. New applications are emerging through a combination of advancements in sensor technology and processing techniques (including AI) to derive information from the datasets. Aerial imagery, captured by drones, planes, or satellites, provides high-resolution visual data, offering detailed insights for applications including urban planning, environmental monitoring, and disaster response. LiDAR (Light Detection and Ranging) technology uses laser pulses to create precise 3D models of the built environment including buildings, terrain, vegetation and the ground underneath.

This workshop presented by SLA, Woolpert, ESRI, Leica and Bentley will describe the differences between imagery and LiDAR sensors, explain how aerial mapping data is collected and processed along with applications and insights that can be gained from the data. The workshop will also specifically discuss the unique challenges that Singapore presents for aerial mapping and the subsequent effects on outputs.



Mr Ricky Thomson  
Aerial Mapping  
Production Manager  
Woolpert



Ms Maziana Muhamad  
Mapping Account Manager  
Woolpert



Mr Brian Connolly  
Senior Solution  
Engineer, Reality,  
Imagery and  
Remote Sensing  
Esri - Denver,  
Colorado, USA  
ESRI



Ms Liezel Dizon  
Business Development  
Manager – APAC , Reality,  
Imagery and Remote Sensing  
Esri Inc, Singapore



Ms Maylen  
Yee-Cabalan  
Manager, Solution  
Engineering (SEA)  
Bentley

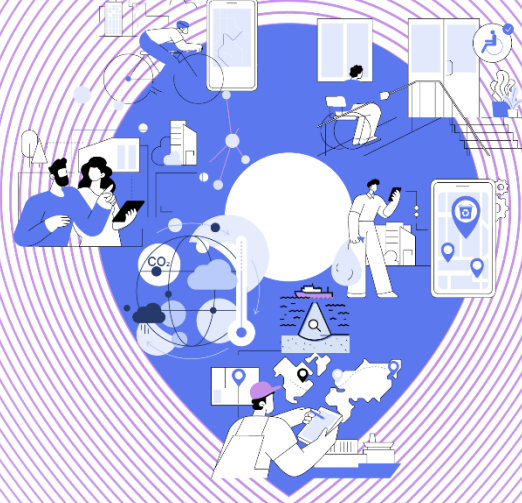
Time: 11.30am to 1.00pm

## Lunch Break

| Time   | Program   |
|--------|---|
| 1.30pm | Registration  |
| 2.00pm | Welcome Remarks   |
| 2.10pm | Introduction by Attendees   |
| 2.30pm | Introduction to OGC and OGC Forums (Scott Simmons)                                  |
| 2.50pm | Short presentations on the use of Standards in Singapore                            |
| 3.40pm | Tea and Networking  |
| 4.00pm | Discussion on geospatial priorities for Singapore and final thoughts from attendees |
| 5.00pm | Adjourn   |







Venue: Revenue House, Level 13  
55 Newton Road, Singapore 307987

## Lunch Break

# Transforming Reality Capture Data Into Actionable Information



Regional Technical  
Sales Manager  
Trimble

# GeoAdventure – Navigating the World of Geospatial Intelligence & Technology



Dr. J. H. J. van't Hof-Grootenboer

Geospatial Manager,  
GeoSpatial Policy & Engagement  
Singapore Land Authority (SLA)

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Associate Professor of Information  
Systems (Practice), School of  
Computing and Information  
Systems, SMU



Don't miss this opportunity to explore how marine geospatial insights are revolutionising maritime operations and shaping the future of our oceans!



Mr Ng Siau Yong  
Director, GeoSpatial and Data  
& Chief Data Officer  
Singapore Land Authority  
(SLA)



Venue: Kallang → Marina

