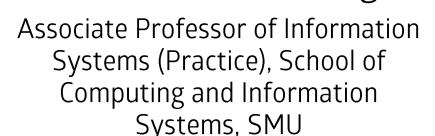


A headshot of Dr. David A. Clark, a middle-aged man with short brown hair, smiling. He is wearing a dark suit jacket over a blue and white striped collared shirt. The background is dark and out of focus.







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.





# Day 1, Tuesday, 15 Oct 2024

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

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.



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

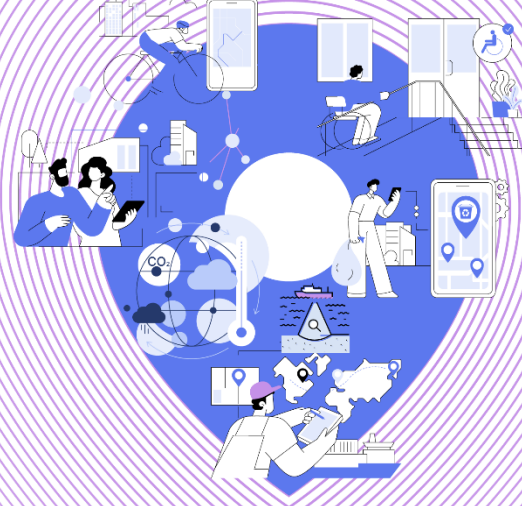


Ms Maylen  
Yee-Cabalan  
Manager, Solution  
Engineering (SEA)  
Bentley

Time	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



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

Registration is confirmed upon organiser's email confirmation.





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

# GEOSPATIAL FOR GOOD

Enriching Minds, Empowering Lives



Day 3, Thursday, 17 Oct 2024

Venue: Marina South Pier

For enquiry and registration, please email to [geospace-sea@mpa.gov.sg](mailto:geospace-sea@mpa.gov.sg)

Time: 9.00am to 12.00pm

## Field Trip @ Sea

Are you curious about how data is collected below the sea surface to ensure safe vessel navigation? Ever wondered how drones capture images out at sea?

Join us for an exciting field trip where we'll dive into the world of hydrographic surveys and drone operations! You'll get a unique experience and see firsthand how these technologies contribute to Singapore's maritime geospatial capabilities to ensure safety of navigation and marine operations.

Don't miss this opportunity to explore the challenges and innovations in collecting geospatial data at sea!

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Time: 2.00pm to 5.00pm

## Maritime Geospatial Workshop

At any point in time, there are over 1,000 vessels in Singapore's waters. From maritime trade, tourism and more, our busy waters host a wide range of uses.

Mapping and visualising these activities using geospatial technologies can help support marine and coastal planning, manage the impacts of climate change, and support the protection of the marine environment.

We invite you to join us for an exciting workshop session where we'll discover how marine geospatial data can help enhance the safety, efficiency, and sustainability of the maritime domain.

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)



# Day 3, Thursday, 17 Oct 2024

Venue: Kallang → Marina

Limit at 20 pax

Registration is confirmed upon organiser's email confirmation.

Time: 5.00pm to 7.30pm

## Empowering Active Mobility with MOVE&JOY app

Join us for a scenic evening bike ride from Kallang to Marina!

Learn how Singapore #1 active mobility lifestyle app utilize OneMap and location-based services to empower active and micro mobility users and local business. Meet the team behind this homegrown startup and experience a scenic ride from Kallang to Marina while utilizing the app. Win a prize at the end of ride in a special pop-quiz.

Time	Program
5.00pm	Safety briefing at Stadium MRT, Exit A (Sign-up required, no walk-ins)
5.30pm	Bike Collection
6.30pm	End at Bayfront with Pop-quiz Group Photo at the Big Chair
7.00pm	End of Activity

