





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

Maritime and Port Authority of Singapore (MPA)



Morning Refreshments

Over the past two decades, real-world cases have demonstrated the powerful potential of Geospatial Data and Analytics in tackling a wide range of social and environmental challenges, including poverty, inequality, epidemiology and public health, climate change, and human rights. Despite their proven utility, a critical challenge remains: How can we cultivate social awareness and ensure that our geospatial analytics initiatives truly serve the public good and advance social justice? In this presentation, I will share actionable insights and best practices for embedding these values into the mentoring of future management practitioners.



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.

GEOSPATIAL FOR GOOD

Enriching Minds, Empowering Lives



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

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

Join this session to explore how geospatial technology is revolutionizing society by leveraging accurate spatial data to enhance decision-making in urban planning, disaster management, and infrastructure development. Discover how geospatial technology promotes sustainability and drives positive change across various industries and sectors!



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

Lunch Break

Transforming Reality Capture Data Into Actionable Information

A portrait of a man with short, dark, spiky hair, wearing glasses and a white collared shirt. He is smiling slightly. The background is a blue wall with a white circular logo on the right.

Mr Benjamin Lim
Regional Technical
Sales Manager
Trimble

GeoAdventure – Navigating the World of Geospatial Intelligence & Technology



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



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



For enquiry and registration, please email to geospace-sea@mpa.gov.sg

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

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

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

