



# Day 1, Tuesday, 15 Oct 2024

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

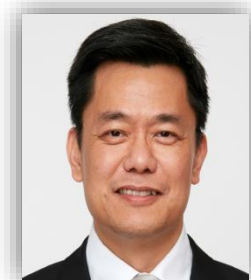
Time: 9.05am to 9.10am

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



Time: 9.10am to 9.15am

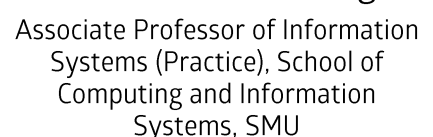
Welcome Remarks by  
Mr David Foo  
Assistant Chief Executive (Operations and Ops-Tech) /  
Chief Data Officer  
Maritime and Port Authority of Singapore (MPA)



Time: 9.15am to 9.20am

Industry Keynote by  
Mr Peter Rabley  
Chief Executive Officer  
Open Geospatial Consortium (OGC)









# Day 1, Tuesday, 15 Oct 2024

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11 Eunos Road 8, Singapore 408601

Time: 10.30am to 10.45am

# Leveraging Geospatial Technology to Create a Living Asset Map for Health and Social Care Practitioners

SingHealth Community Hospitals (SCH) has partnered with the Singapore Land Authority (SLA) to harness geospatial technology in mapping out community assets and resources across various neighborhoods. This collaboration has resulted in the creation of an interactive and comprehensive tool that significantly enhances the delivery of integrated care.

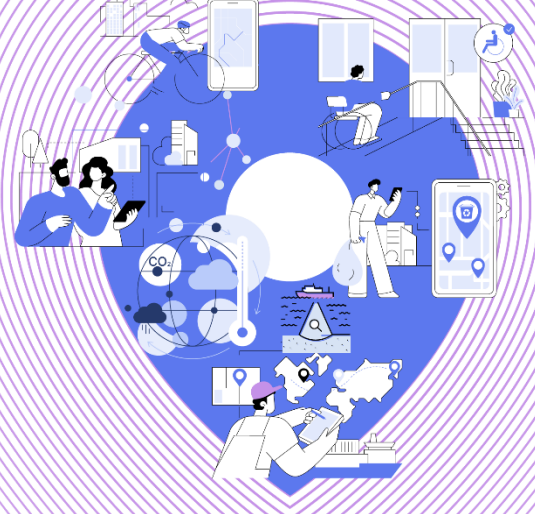
By capturing both formal and informal community resources—such as healthcare facilities, social services, and recreational activities—into a single, accessible platform, the dynamic Living Asset Map enables health and social care practitioners to effectively connect seniors to the resources they need.

The Living Asset Map not only facilitates integrated care but also supports ageing in place and strengthens community resilience, all with the goal of improving the quality of life for residents.

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



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Time: 10.45am to 11.00am

# Leveraging AWS Cloud to Drive Positive Social Impact Through Geospatial Innovation

The proliferation of satellites and billions of mobile and IoT devices capturing location data continuously resulted in an exponential growth of geospatial data. This data deluge poses a significant challenge for organizations looking to harness the value of this information and create impactful applications for their citizens.

In this session, we will explore how the city of Barcelona combined data from diverse sources, including Geospatial data and leveraged AI/ML technologies on the AWS cloud, to establish Low Emission Zones (LEZs) that improved air quality and achieved a healthier, more sustainable environment for its citizens. We will also showcase how the integration of health data on Geospatial platforms can help detect and prevent the spread of pandemics.



Mr Sapan Kumar

AWS Smart Cities Leader, ASEAN  
Amazon Web Services (AWS)

Time: 11.00am to 11.15am

# Combating Climate Change with Geospatial AI and Machine Learning

This engaging session introduces what geospatial machine learning and AI is to any technical or non-technical professionals in the GIS and surveyor world. We will explore case studies of how powerful software infrastructure and machine learning is being used today to create models that help us better understand our natural world, finance natural restoration projects and mitigate climate risks.



Mr Johann Wah

Co-Founder  
Nika.eco



## Lunch Break

Regional Business Manager  
Leica Geosystems





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)



Venue: Singapore Management University (SMU)

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





## 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

## Fieldtrip @ 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!

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!

# GEOSPATIAL FOR GOOD

Enriching Minds, Empowering Lives



Day 3, Thursday, 17 Oct 2024

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

Time: 4.00pm to 6.00pm

## ULI SG – SLA Forum: Unlock the Power of Geospatial for Sustainable Urban Development

The ULI SG – SLA Forum will explore the power of geography and geospatial in fostering an inclusive community and promoting sustainable urban development. Join us for an evening of knowledge-sharing and networking, and be updated on the latest geospatial developments.

Inspiring Perspectives from Industry Leaders:



### A Geospatial Perspective

Introduction by Mr Colin Low  
Chief Executive  
Singapore Land Authority (SLA)

Register for the forum via:

<https://go.gov.sg/sggf2024-uli-sla-forum>

Moderated by Mr Ng Siau Yong, the panel will also discuss transformative ways to mainstream geospatial for operational efficiencies and promote sustainability in the urban built environment through best practices with geo-enabled solutions.



Mr Ng Siau Yong

Director, GeoSpatial and Data  
& Chief Data Officer  
Singapore Land Authority  
(SLA)



Mr Scott Dunn

Chief Strategy Officer  
& Vice President  
(Asia), AECOM



Prof Chang Chew Hung

NIE Sustainability Officer, and  
Professor, Humanities and Social  
Studies Education, NIE, NTU



Ms Ku Geok Boon

Chief Executive Officer,  
SG Enable



