



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 9.15am

Opening Address by
Mr Yeoh Oon Jin
Chairman
Singapore Land Authority (SLA)



Time: 9.15am to 9.20am

Signing of Memorandum of Understanding

Time: 9.20am to 9.40am

AWS – SLA Geospatial Innovation Challenge Award Presentation

Winning Team Project Presentation

Time: 9.40am to 9.50am

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



A head-and-shoulders portrait of Dr. David A. Clark. He is a middle-aged man with short, light brown hair, smiling warmly at the camera. He is wearing a dark blue or black blazer over a light blue and white checkered button-down shirt. The background is a dark, textured grey.

Dr. Kam Tin Seong
Associate Professor of Information
Systems (Practice), School of
Computing and Information
Systems, SMU

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



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Mr Johann Wah
Co-Founder
Nika.eco

Ms Sharon Gin
Senior Manager, Solution
Engineering, ESRI Singapore



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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 Liezel Dizon

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



Mr Brian Connolly

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



Ms Maylen Yee-
Cabalan

Manager, Solution
Engineering (SEA)
Bentley



Ms Maziana Muhamad

Mapping Account Manager Woolpert



Mr Daryl Lim

Regional Business Manager
Leica Geosystems



Ms. Leah Mary
Lilly Denoun

Research Associate
Centre for Nature-based Climate Solutions
National University of Singapore (NUS)

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!



Day 2, Wednesday, 16 Oct 2024

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

Time: 12.30pm to 1.30pm

Lunch Break

Time: 1.30pm to 3.30pm

Transforming Reality Capture Data Into Actionable Information

Point cloud classification and feature extraction are the critical building blocks of nearly every reality capture solution. Streamlined workflows incorporating artificial intelligence (AI) makes it faster and easier to produce useful, actionable information from large volumes of data to address real-world problems. Various use cases for public safety and risk mitigation will be discussed including AI inspections of road conditions, road asset monitoring, and railway clearance analysis.



Mr Benjamin Lim

Regional Technical
Sales Manager
Trimble

Time: 9.30am to 2.00pm

GeoAdventure – Navigating the World of Geospatial Intelligence & Technology

This engaging session introduces the fascinating world of geospatial technology to students and new professionals to the geospatial industry. We will explore what is geospatial technology, how it empowers us in our daily lives, as well as the current geospatial industry landscape. There will also be a fun activity where you will use geospatial tools to discover and appreciate how geospatial technology influences the way we navigate and understand our environment.



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



Day 3, Thursday, 17 Oct 2024

Venue: Marina South Pier

For enquiry and registration, please email to 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!

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 & 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)

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.



Ms Ku Geok Boon
Chief Executive Officer,
SG Enable



Prof Chang Chew Hung
NIE Sustainability Officer, and
Professor, Humanities and Social
Studies Education, NIE, NTU



Mr Scott Dunn
Chief Strategy Officer
& Vice President
(Asia), AECOM



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

