



# 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

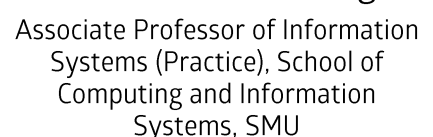
Welcome Remarks by  
Mr David Foo  
Assistant Chief Executive (Operations and Ops-Tech) /  
Chief Data Officer  
Maritime and Port Authority of Singapore (MPA)



Time: 9.15am to 9.20am

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









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



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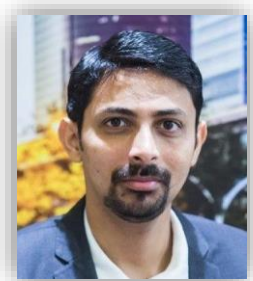
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Time: 10.45am to 11.00am

# 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

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





## Day 2, Wednesday, 16 Oct 2024

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

Time: 10.00am to 11.00am

# Harness the Power of Geospatial Data on the AWS Cloud to Build Inclusive and Climate-Resilient Cities

In this interactive session, we will explore the power of the AWS cloud in automating geospatial data workflows. We will discuss leveraging AWS services to automate geospatial data processing, enrich and analyze data assets, and gain deeper insights. We will dive into the integration of advanced technologies, such as AI and generative AI, into applications to unlock the full potential of Geospatial data.

Government agencies and organizations can harness these cloud-powered capabilities to develop better urban planning solutions, create more inclusive communities, and build climate resilience. We will examine real-world case studies that showcase the transformative impact of cloud-based Geospatial solutions on its citizens.



Mr Sapan Kumar

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

Time: 11.30am to 12.30pm

# From Blueprint to Greencubes: Role of Geospatial technology in Social Transformation



Mr Faheem Khan

President  
Hexagon Geosystems



Mr Daryl Lim

Regional Business Manager  
Leica Geosystems



## 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.



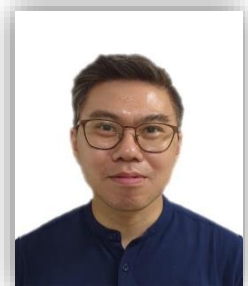
Mr Benjamin Lim

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



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

