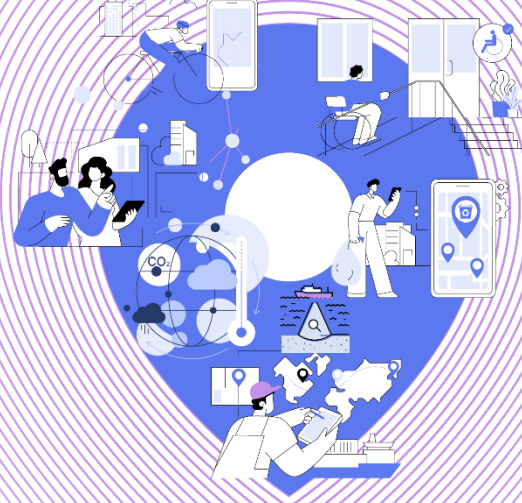




11 Eunos Road 8, Singapore 408601

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



11 Eunos Road 8, Singapore 408601

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



## Enriching Minds, Empowering Lives



Join us for the following sessions on Day 1, Tuesday 15 Oct 2024

Venue: Lifelong Learning Institute, Level 1, Event Hall 1

11 Eunos Road 8, Singapore 408601

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

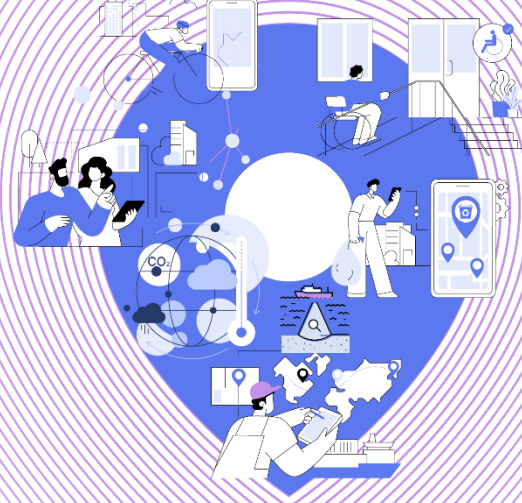
AWS Smart Cities Leader, ASEAN  
Amazon Web Services (AWS)



11 Eunos Road 8, Singapore 408601

Co-Founder  
Nika.eco

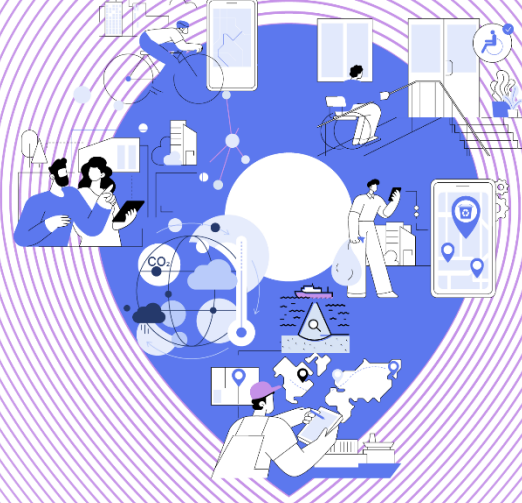
## Lunch Break



55 Newton Road, Singapore 307987

Regional Business Manager  
Leica Geosystems





Join us for the following session on 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

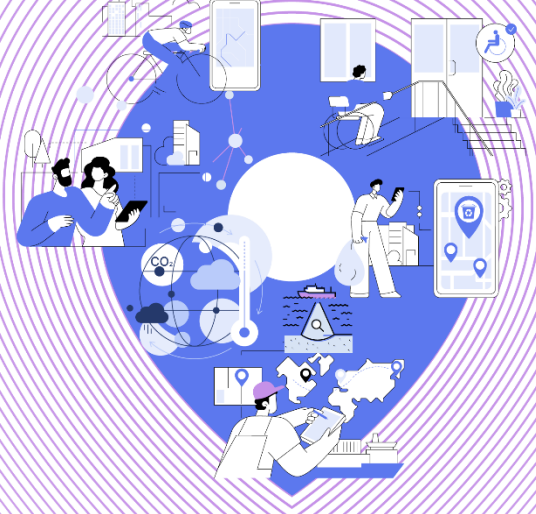
# GeoAdventure – Navigating the World of Geospatial Intelligence & Technology

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)



Venue: Singapore Management University (SMU)

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](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

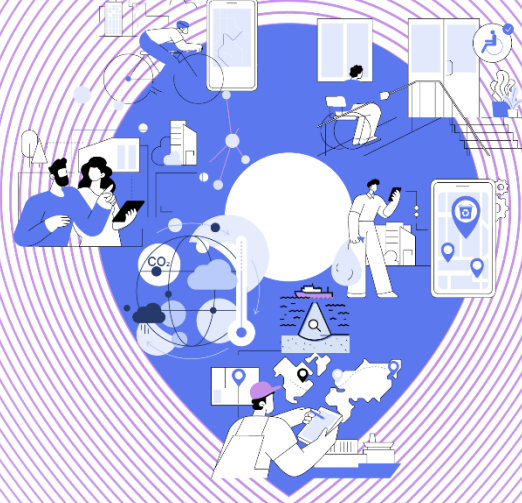
# Maritime Geospatial Workshop

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!



55 Newton Road, Singapore 307987

Time: 4.00pm to 6.00pm

# ULI SG – SLA Forum: Geospatial: Promoting Inclusivity & 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. Hear from esteemed panellists including Ms Ku Geok Boon (CEO, SG Enable), Mr Scott Dunn (Chief Strategy Officer & Vice President (Asia), AECOM and ULI Asia Pacific Executive Committee Chair), and Prof Chang Chew Hung (NIE Sustainability Officer, and Professor, Humanities and Social Studies Education, NIE, NTU) as they share their expertise and perspectives on how geography and geospatial technologies are being harnessed to promote inclusivity, reduce urban heat, and enable decarbonisation to build a more sustainable and liveable world.

Moderated by Mr Ng Siau Yong (Director, GeoSpatial and Data & Chief Data Officer, SLA), 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. Join us for an evening of knowledge-sharing and networking, and be updated on the latest geospatial developments.

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

Moderator:



Mr Ng Siau Yong

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

Panellists:



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



Venue: Kallang → 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

