

GeoEngage 2026

Socio-Healthcare Edition

Co-Organisers:



Day 1, Wed, 30 Sep 2026

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

Register now!



9.00am: Registration

9.15am: Opening Address by Mr Eric Chua, Senior Parliamentary Secretary,
Ministry of Law & Ministry of Social and Family Development



9.30am: Award Presentation by SPS: AWS – SLA Geospatial Innovation Challenge 2026

9.40am: Winning Teams' Presentation: AWS – SLA Geospatial Innovation Challenge 2026

10.10am: Morning Refreshments & Networking



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10.40am:

Geospatial for Social Good

This sharing highlights two “Geospatial for Good” initiatives by the Singapore Land Authority.

First, the collaboration with SingHealth Community Hospitals through LAMP supports preventive healthcare by connecting residents to nearby community activities, strengthening social networks and community participation.

Second, the mapping of Barrier-Free Access (BFA) routes improves inclusive mobility for persons with disabilities by making accessible pathways more discoverable and enabling seamless navigation.

Together, these initiatives demonstrate how geospatial solutions can address location-based social needs by combining community-driven data with a beneficiary-centric approach. The lessons learned provide a foundation for expanding geospatial adoption across a wider range of socio-healthcare use cases.



Speaker:
Mr Lim Liyang
Senior Deputy Director,
Geospatial & Survey
Singapore Land Authority



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10.55am:

Mapping Ageing in Place: Geospatial Data for Senior Health and Accessibility in Singapore

Singapore's ageing population is reshaping the demands placed on healthcare infrastructure, community services, and urban planning alike. This talk examines how geospatial data and GIS-based analysis can support more responsive, senior-centred planning across the island. Drawing on spatial mapping and accessibility analysis, the presentation explores where seniors live in relation to healthcare facilities, transport networks, and community support services – and how these spatial relationships shape health outcomes, mobility, and quality of life.

The talk will highlight how geospatial tools can identify gaps in eldercare coverage, inform the placement of clinics and senior activity centres, and support Singapore's "ageing in place" initiatives by revealing where seniors may be most vulnerable to isolation or delayed access to care. Rather than treating maps as static visualizations, the session frames geospatial data as a practical decision-support tool for planners, healthcare providers, and community stakeholders working toward a more age-friendly Singapore.

Attendees will come away with a clearer understanding of how spatial analysis complements existing planning and healthcare frameworks, and where geospatial approaches can add the most value in supporting Singapore's ageing population.



Speaker:
Prof Adam Grodek
Lecturer UB-SIM
Department of Geography
University at Buffalo



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11.10am:

Ling Ling Time: From Outreach Tool to Needs-Mapping for Social Isolation

Ling Ling Time began as a community outreach initiative for seniors under Methodist Welfare Services' Active Ageing Centres. Over time, its use expanded beyond outreach — geospatial mapping data was layered in to identify where seniors' needs clustered across the service boundaries of our 7 AAC catchment areas, giving us a clearer picture of gaps in reach and engagement. This presentation traces that evolution and focuses on how the initiative is now being refined specifically to identify social isolation among seniors — using geospatial data not just to map where seniors are, but to flag where they may be disconnected from community support, and how that informs targeted outreach and intervention.



Speaker:
Ms Mei Andres
Head, Active Ageing Centres
Methodist Welfare Services

11.25am: Short Break



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11.40am:

Community Profiling for Healthy Longevity: Mapping Loneliness using Geospatial and Heat Map Approach

As part of its efforts to advance healthy longevity through public health and technology, ILC Singapore of Tsao Foundation is applying geospatial mapping to data from the 2025 Whampoa Population Health Survey to examine the spatial distribution of loneliness and other health indicators. By revealing neighbourhood-level patterns and geographic variations, the analysis provides deeper insights into how physical and social environments influence well-being.

The study also offers an opportunity to assess population-level trends associated with over a decade of interventions under Tsao Foundation's Community for Successful Ageing (ComSA) model. While findings remain preliminary and require further validation, the analysis contributes valuable evidence on how place-based interventions can support healthy ageing, social connectedness, and community resilience.



Speaker:
**Ms Susana Concorde
Harding**
Senior Director at
International Longevity
Centre Singapore
Tsao Foundation



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11.55am:

Smarter Volunteer Matching Through Geospatial Insights: A Tampines Case Study with SPD

This proof-of-concept demonstrates how geospatial data can support SPD and its Enabling Services Hub in enhancing volunteer engagement and service delivery within the Tampines community. By visualising volunteer locations alongside client, programme, and event needs, the solution enables a shift from broad-based volunteer outreach to more targeted and location-aware matching.

The session will showcase how geospatial technologies can strengthen volunteer activation strategies, optimise service coverage, and support more equitable resource allocation, offering practical insights for organisations managing community-based services and volunteer networks.



Speaker:
Mr Ian Chow
Director for
Employment Services
SPD



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12.10pm:

From Awareness to Action: Applying Spatial Thinking in the Socio-Healthcare Sector

Beyond maps and visualisation, geospatial thinking offers a powerful way to better understand people, services, and communities in the context of place. This session explores how social and healthcare practitioners can incorporate spatial thinking into everyday planning and decision-making to uncover unmet needs, improve service coordination, and deliver more targeted interventions. Drawing on several real-world applications, attendees will discover how a spatial lens can reveal patterns and insights that are often missed through conventional approaches. The session aims to inspire participants to identify opportunities for geospatial application within their own organisations and take the next step from awareness to implementation.



Speaker:
Mr Derek Lam
Senior Director for
Cloud Engineering
Oracle

12.25pm: Lunch & Networking

2.00pm: Workshop by SLA: Working with Geospatial Data for Social Impact

Discover how geospatial solutions can transform your daily work. Designed for social service professionals, this workshop explores how location-based intelligence can streamline workflows, uncover insights, and support more informed decision-making. Through real-world case studies and group discussions, participants will learn how geospatial tools can enhance operational efficiency and strengthen community outcomes.

5.00pm: End of Day One



Day 2, Thu, 1 Oct 2026

Venue: Revenue House, Level 13 Marketplace
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9.30am – 12.30pm

Workshop by AWS:
**Empowering Real-World Problem Solving Through Geospatial Prototyping
with KIRO & AWSome Lab**

**Please bring a laptop that allows software downloads and installations for
the hands-on activities.**

This hands-on workshop introduces participants to AWSome Lab, a web portal that bridges Singapore SMEs and enterprises with innovative AI applications created by students, and KIRO, an AI-powered development environment that simplifies application building. Through guided demonstrations and practical exercises, participants will learn how to leverage OneMap APIs within KIRO to rapidly prototype geospatial solutions relevant to the socio-healthcare sector. By the end of the session, participants will gain first-hand experience building their own geospatial application and explore new possibilities for addressing real-world social service challenges through technology.

12.30pm: Lunch & Networking



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9.30am – 12.30pm

Workshop by Oracle:

Exploring the Future of Geospatial and Agentic GIS with CARTO and Oracle

Please bring a laptop that allows software downloads and installations for the hands-on activities.

Geospatial is increasingly becoming part of how social and health organisations understand communities, allocate resources, and make better-informed decisions. But what does “geospatial” really mean for the people working with these challenges every day – and what could it mean in the future?

In this interactive workshop, Oracle and CARTO invite social and health professionals in Singapore to explore how geospatial thinking, advanced analytics, and emerging Agentic capabilities could support their work. We will start by stepping back from the technology to understand how participants currently use – or struggle to use – location-based information, the barriers they encounter, and where they see opportunities for improvement.

From there, we will explore practical GIS stories, following how different approaches to geospatial analysis can influence the way a problem is understood and ultimately the quality of the decisions that can be made. Along the way, participants will experience how more advanced analytics and Agentic GIS can help turn complex geospatial questions into more accessible, actionable insights.

The workshop will close by returning to the question we started with: when you think about geospatial now, what does it mean to you?

The session is designed to be collaborative and exploratory, with plenty of space for discussion, ideas, and perspectives from the people closest to the challenge.

12.30pm: Lunch & Networking



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1.30pm – 5.30pm

Workshop by SLA:

Collecting Community Data Assets in the Field [Outdoor Activity]

Please bring a water bottle and a cap / umbrella, and dress comfortably in light clothing for this outdoor activity.

This engaging session offers an exciting introduction to the fascinating world of geospatial technology for the socio-healthcare sector. We will explore what geospatial technology is, gain an understanding of the current landscape, and discover how it connects to our daily lives. There will also be a hands-on activity where you will venture into the heartlands to use geospatial tools to capture landmarks and features, uncovering meaningful insights into how our lived spaces support the community.

5.30pm: End of GeoEngage 2026: Socio-Healthcare Edition