

1ST ANNOUNCEMENT



**KEYNOTE SPEAKER**

YBhg. DATUK DR. CHING THOO A/L KIM  
SECRETARY GENERAL  
MINISTRY OF NATURAL RESOURCES  
AND ENVIRONMENTAL SUSTAINABILITY

**OFFICIATING MINISTER**

YB DATO' SERI HUANG TIONG SII  
DEPUTY MINISTER  
MINISTRY OF NATURAL RESOURCES  
AND ENVIRONMENTAL SUSTAINABILITY

**HONOURABLE SPEAKER**

YBhg. DATO' LSR HAZRI BIN HASSAN  
DIRECTOR GENERAL OF SURVEY  
AND MAPPING MALAYSIA (JUPEM)

10th International Conference  
**GEOMATICS &  
GEOSPATIAL  
TECHNOLOGY**

NEXT-GEN GEOSPATIAL INTELLIGENCE: THE ROLE OF AI IN GEOMATICS



19TH-20TH AUGUST 2025



9.00 AM - 5.15 PM



INTERCONTINENTAL HOTEL, KUALA LUMPUR



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## OVERVIEW ABOUT GGT 2025

Building upon the previous GGT legacy, GGT 2025 is set to explore the theme: "Next-Gen Geospatial Intelligence: The Role of AI in Geomatics." This upcoming conference will delve into the transformative impact of artificial intelligence on geospatial technologies, focusing on how AI integration can enhance data accuracy, real-time processing, and decision-making processes in various sectors. Participants can anticipate a comprehensive program featuring keynote presentations from notable figures, experts, academic and industrial research paper sessions. The conference aims to foster collaboration, innovation, and knowledge sharing among geospatial professionals, paving the way for advancements that address both current and future challenges. Join us at GGT 2025 to be at the forefront of geospatial innovation and contribute to shaping the future of our industry.

## CONFERENCE SCOPE

Surveying and Geomatics | GNSS | Remote Sensing | Image Processing and Photogrammetry | LiDAR and Unmanned Aerial Vehicle (UAV) | Geographical Information System (GIS) | Open Geo-Building Information Modelling (BIM) | 3D City Modelling | 3D Modelling | Land Administration Domain Model (LADM) | MultiDimensional Modelling | Hydro-Informatics | Oceanography and Hydrography | Standards and Spatial Data Infrastructure (SDI)

## CONFERENCE FEES

Category		RISM Member	Non-RISM Member
Non-Student	Participant	RM 1,950.00	RM 2,150.00
	Presenter	RM 1,700.00	RM 1,900.00
	International		USD 600.00
Student	Participant/Presenter	RM 1,000.00	RM 1,300.00
	International		USD 370.00

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IN COLLABORATION WITH



## CONFERENCE DAY 1

**19TH AUGUST 2025, TUESDAY**

TIME	PROGRAMME
8.00 am - 8.45 am	<b>ARRIVAL OF SPEAKERS AND PARTICIPANTS</b>
9.00 am - 9.30 am	<b>WELCOMING ADDRESS - LSr DR. MOHD YUNUS BIN MOHD YUSOFF</b> Chairman of GGT 2025 Steering Committee
9.30 am - 10.00 am	<b>INVITED SPEAKER 1 - DR. FILIP BILJECKI</b> Urban Analytics Lab, National University of Singapore (NUS) Topic: Research Insights and Perspectives of Urban Digital Twins
10.00 am - 10.30 am	<b>MORNING BREAK</b>
10.30 am - 11.00 am	<b>OFFICIATION - YB DATO' SRI HUANG TIONG SII</b> Deputy Minister, Ministry of Natural Resources and Environmental Sustainability (NRES)
11.00 am - 11.30 am	<b>KEYNOTE SPEAKER - YBhg. DATUK DR. CHING THOO A/L KIM</b> Secretary General, Ministry of Natural Resources and Environmental Sustainability (NRES)
11.30 am - 12.00 pm	<b>HONOURABLE SPEAKER - YBhg. DATO' LSr HAZRI BIN HASSAN</b> Director General of Survey and Mapping Malaysia
12.00 pm - 12.30 pm	<b>VVIP EXHIBITION BOOTH TOUR</b>
12.00 pm - 12.30 pm	<b>INVITED SPEAKER 2 - PROF. CHUNG YEN KUO</b> National Cheng Kung University, Taiwan Topic: High-Resolution 3D Modeling of Argo Marina Using Multi-Platform Remote Sensing
12.30 pm - 1.00 pm	<b>INVITED SPEAKER 3 - YB DATIN PADUKA DR. HAJAH SUHAILIZAN BINTI SULIMAN</b> Chief Executive Officer of the Johor State Housing Development Corporation
1.00 pm - 2.00 pm	<b>LUNCH BREAK</b>
2.00 pm - 5.00 pm	<b>Parallel Session 1 (Room 1 – Grand Ballroom 1)</b> <b>Parallel Session 2 (Room 2 – Grand Ballroom 2)</b> <b>Parallel Session 3 (Room 3 – Grand Ballroom 3)</b>
5.00 pm - 5.15 pm	<b>TEA BREAK</b>
5.15 pm	<b>END OF DAY 1</b>



## CONFERENCE DAY 2

**20TH AUGUST 2025, WEDNESDAY**

TIME	PROGRAMME
8.00 am - 8.45 am	<b>ARRIVAL OF SPEAKERS AND PARTICIPANTS</b>
9.00 am - 9.30 am	<b>INVITED SPEAKER 4 - LSr MD RODI BIN ISMAIL</b> President of Association of Authorised Land Surveyors Malaysia (PEJUTA)
9.30 am - 10.00 am	<b>INVITED SPEAKER 5 - PROF. MADYA DR. KHAIRUL NIZAM ABDUL MAULUD</b> Deputy Executive Director (Sustainability), Centre for Strategy Universiti Kebangsaan Malaysia, UKM
10.00 am - 10.30 am	<b>MORNING BREAK</b>
10.30 am - 11.00 am	<b>INVITED SPEAKER 6 - Sr DR. SYAMILAH BINTI YACOB</b> Centre of Excellence for Engineering and Technology (CREaTE), Public Works Department (JKR) Topic: The Benefits of Automating with Smart Technologies: Transforming Building Surveying and Assessment with AI and IoT
11.00 am - 11.30 am	<b>INVITED SPEAKER 7 - Sr DR. SYED AHMAD FADHLI BIN SYED ABDUL RAHMAN</b> Assistant Director of Survey, Mapping Policy Section, Department of Survey and Mapping Malaysia Topic: From Survey to Digital Twins: Connecting Geomatics, BIM, Geospatial Intelligence and AI
11.30 am - 12.00 pm	<b>INVITED SPEAKER 8 - DR. ADE KOMARA MULYANA</b> Director of Topographic Mapping for Terrestrial Areas, Geospatial Information Agency, Indonesia
12.00 pm - 12.30 pm	<b>INDUSTRIAL TALK: PLATINUM SPONSOR - ANTARAGRAFIK SYSTEMS SDN BHD</b>
12.30 pm - 12.50 pm	<b>INDUSTRIAL TALK: GOLD SPONSOR - MAP2U SDN BHD</b>
12.50 pm - 1.10 pm	<b>INDUSTRIAL TALK: SILVER SPONSOR - ESRI MALAYSIA SDN BHD</b>
1.10 pm - 2.15 pm	<b>LUNCH BREAK</b>
2.15 pm - 4.45 pm	<b>Parallel Session 1 (Room 1 – Grand Ballroom 1)</b> <b>Parallel Session 2 (Room 2 – Grand Ballroom 2)</b> <b>Parallel Session 3 (Room 3 – Grand Ballroom 3)</b>
4.45 pm - 5.00 pm	<ul style="list-style-type: none"> <li>Awards &amp; Certificates Presentation</li> <li>Lucky Draw</li> <li>Closing Ceremony</li> </ul>
5.00 pm - 5.15 pm	<b>TEA BREAK</b>
5.15 pm	<b>END OF DAY 2</b>



## SPEAKERS



**DR. FILIP BILJECKI** is an assistant professor at the National University of Singapore and the founder of the NUS Urban Analytics Lab. He holds a MSc and PhD degree in Geomatics and 3D GIS from the Delft University of Technology in the Netherlands. Filip's research and teaching are converging Geomatic engineering, geospatial technologies, and urban data science to support digital twins and data-driven urban planning.



**PROF. CHUNG YEN KUO** received his Ph.D. in Geodetic Science from the Department of Geological Sciences at The Ohio State University, USA, in 2005. Since 2006, he has been a faculty member in the Department of Geomatics at National Cheng Kung University (NCKU), Taiwan, where he teaches and conducts research in geodesy. Dr. Kuo specializes in adjustment theory and the application of geodetic sensors to geophysical and oceanographic studies. His research interests include sea level change, vertical land motion, altimetry waveform retracking, geocenter motion, gravity field variations, chart and height datums, GNSS-IR and hydrographic surveying.



**DATIN PADUKA DR. HAJAH SUHAILIZAN BINTI SULIMAN**, Chief Executive of the Johor State Housing Development Corporation, holds a Ph.D. in Land Administration and Development. She brings hands-on leadership in using geospatial data for urban and housing planning. She drives initiatives on land governance, city development, and practical applications of geomatics in policy-making. She also committed to improving geospatial education and encouraging more women to enter the field. Her public service includes contributions to national committees on housing, land, and technology. She continues mentoring emerging professionals, sharing her experience in applying geospatial tools for community development.



**LSr MD RODI BIN ISMAIL** is a licensed land surveyor and the current President of the Association of Authorised Land Surveyors Malaysia (PEJUTA). He has extensive experience in land surveying and geospatial technology, managing his own consultancy and contributing to the profession for many years. In his role at PEJUTA, he leads initiatives to advance the profession, promote innovation, and strengthen the use of geospatial data in national development. He actively participates in conferences and forums, sharing his insights on land governance and mentoring young professionals to build skills and confidence in the surveying and geomatics field.



**PROF. MADYA DR. KHAIRUL NIZAM ABDUL MAULUD** is an Associate Professor and researcher in geospatial science and technology. He has extensive experience in geographic information systems (GIS), remote sensing, and environmental applications of geospatial data. His research focuses on sustainable development, climate change, and using geospatial tools for better planning and decision-making. He has published widely in his field and actively shares his knowledge through teaching, conferences, and professional networks. Dr. Khairul Nizam is also committed to mentoring students and young researchers, encouraging innovation and practical use of geospatial technologies in solving real-world problems.



## SPEAKERS



**Sr DR. SYAMILAH BINTI YACOB** is the Vice President of the Royal Institution of Surveyors Malaysia (RISM) and Chairman of its Building Surveying Division for 2024/2025. She serves as the Superintendent Building Surveyor and Deputy Head of the Total Asset Management and Consultation Unit at JKR Malaysia. With over 16 years in public service, she specializes in government asset management, building inspections, maintenance, and facility management. She holds a Bachelor's in Building Surveying (UiTM), an MSc in Construction Management (UTM), and a PhD in Building Science and Performance (UM). Dr. Syamilah is a certified Level 3 Building Inspector and holds a Level 4 Asset and Facility Management certification. Professionally, she is a registered surveyor with RISM, a council member of MAPMA, and an affiliate of the Institute of Asset Management (UK). She actively contributes to national committees like CIDB and SIRIM, and received the Building Surveyor Award in 2013.



**Sr DR. SYED AHMAD FADHLI BIN SYED ABDUL RAHMAN** is an Assistant Director of Survey at the Coordinating and Mapping Policy Division, Department of Survey and Mapping Malaysia. He holds a B.Sc in Surveying Science and Geomatics from Universiti Teknologi MARA, and an M.Sc and Ph.D. in Geospatial Science from Universiti Kebangsaan Malaysia. His research focuses on applied geospatial, BIM-GIS integration, 3D simulation, and digital twins. Despite only spend 5 years in postgraduate research, he has published over 30 journal articles, authored 4 books or chapters, and presented at more than 10 conferences. He has contributed to over 5 national research grants and served as both researcher and consultant. To date, he has secured multiple international awards including the 2024 FIG Young Surveyor Award, 2024 ESRI Young Scholar Award, and 2025 Geospatial World Rising Star Award. With 11 years of combined academic and professional experience, he remains actively engaged in research, publishing, and collaboration across institutional and disciplinary boundaries.



**DR. ADE KOMARA MULYANA** is the Director of the Centre for Topographic Mapping and Toponym at Indonesia's Geospatial Information Agency (BIG). With over 15 years of experience in geospatial science, he specializes in photogrammetry, digital mapping, satellite imagery, and the management of geographical names. He leads national initiatives to produce accurate, large-scale base maps that support infrastructure, planning, and sustainable development. Internationally, he serves as Co-Chair of the United Nations Group of Experts on Geographical Names (UNGEGN) and contributes actively to the UN Global Geospatial Information Management (UN-GGIM) initiatives. Dr. Ade also promotes innovation in geospatial technologies, including GeoAI, and regularly shares his expertise through research publications, conferences, and global forums on mapping and geospatial data governance.