

Message from Guest Editor

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Alhamdulillah, Praise be to Allah for the wonderful conference in the 23-24 May 2023. What a joy it is to finally organise this conference at this venue after two editions of virtual conference. And, be able to welcome all participants here, in person, this year, is a good sign that we are coming back to a more normal way of life.

First of all, we would like to express our sincere gratitude to the Royal Institution of Surveyors Malaysia (RISM), Department of Survey and Mapping Malaysia (JUPEM), Land Surveyors Board Malaysia (LJT), the Association of Authorised Land Surveyors Malaysia (PEJUTA), and Universiti Teknologi MARA (UiTM) Shah Alam, in organizing and making the success of the 9th International Conference on Geomatics and Geospatial Technology (GGT2023). To our loyal sponsors and exhibitors, thank you for your support and generosity.

The 9th edition aims to continue its success in providing a platform for knowledge sharing and discussion as well as exhibiting the recent advancement in research, projects and technology development. Geomatics and geospatial technologies offer great potential in tackling global and real-life challenges. Its potential is endless, from healthcare facilities to the public transport system to monitoring climate change and more. Combining this with other technologies such as drones, artificial intelligence, big data analytics, and cloud computing, geospatial technology can be further enhanced in its effectiveness. Recent mobile technology and communications advances have moved automated mapping and geospatial technology closer to society. Driven by this advancement, we proudly present the GGT2023 with the theme of “Enhancing Geospatial Technologies, Revolutionizing Mapping”.

This special issue edition covers many interesting topics in geospatial technologies i.e. Multispectral's Three-Dimensional Model Based on SIFT Feature Extraction, Accuracy Assessment of GPR Data for Buried Objects with Different Pipes and Soil-Based Conditions, Employing the Flash Flood Potential Index (FFPI) with Physical Environmental Factors in Baling, Kedah through GIS Analysis, Quality Assessment of Various CHC NAV GNSS Receiver Models, Implementation of Stochastic Modelling in Enhanced Cadastral Databases for Multi-Classes Datasets, Denoising of Hyperspectral Signal from Drone for Ganoderma Disease Detection in Oil Palm, Tree Height and Crown Extraction From UAV-Based Multispectral Imagery, Identification of e-Scooter Shared (ESS) Stations by using a GIS-based MCDM Approach, Accuracy Assessment on Detail Survey Plan Using iPhone 13 Pro Max LiDAR Sensor, Land use/land cover (LULC), change detection, and simulation analysis of Manila Bay's Dolomite mining site in Cebu, Philippines using Sentinel-2 satellite, and The Possibility of Using Terrestrial-Based Ground Penetrating Radar (GPR) Technology for Supplying 3rd Dimension Information for A Search and Recovery Mission for Landslide Victims.

Together with our co-organizers, we believe that we able to host the GGT 2023 in an excellent way and all participants have a fruitful and successful experience. With that, we are looking forward to welcoming all participants all again in the future.

