

MOHD SHAHMY MOHD SAID (Dr)

Senior Lecturer

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Areas of Expertise

Cartography, Map Use and Usability, GIS, Geovisualisation, Public Transport Mapping, Hydrographic Surveying, and Offshore Surveying.

<https://www.researchgate.net/profile/Mohd-Shahmy-Mohd-Said>

<https://scholar.google.com/citations?user=isISIJgAAAAJ&hl=en>

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Personal Information

Dr Mohd Shahmy Bin Mohd Said,
Centre of Studies for Surveying Science and Geomatics,
Faculty of Architecture, Planning and Surveying,
40450 Universiti Teknologi MARA.

Academic Qualifications

PhD in Geomatics, 2021, University of Glasgow, United Kingdom.

MSc in Geographical Information Science, 2012, Universiti Teknologi MARA (UiTM), Malaysia.

BSc in Surveying Science and Geomatics (First Class Hons), 2011, UiTM, Malaysia.

Diploma in Geomatics Science, 2009, Universiti Teknologi MARA (UiTM), Malaysia.

Professional Members

1. Royal Institution of Surveyors Malaysia (RISM), Member, 2022
2. British Cartographic Society (BCS), Member, 2016-2019

Teaching and Learning

1. Master, 2019-Present, Geomapping Sciences, Lecture and Practical
2. Master, 2019-2020, Geovisualization, Laboratory
3. Degree, 2019-Present, Hydrographic Surveying, Lecture and Practical
4. Degree, 2019-Present, Offshore Surveying, Lecture and Practical
5. Degree, 2019-Present, Advance Cadastral Surveying, Practical
6. Degree, 2019-2020, Advance Cartography, Laboratory
7. Degree, 2019-2020, Advance Survey Computations, Laboratory
8. Degree, 2011-2012, Cadastral Surveying, Tutorial and Practical
9. Degree, 2011-2012, Sustainable Developments, Tutorial
10. Degree, 2011-2012, Geographical Information System, Laboratory

Student Supervision

Postgraduate

1. Mohd Hamizan Bin Abdul Hamid, Change Detection of Mangrove Along Selangor Coastal Area Using Geospatial Technology, (MSc in GIS), Main SV, 2022
2. Siti Hajar binti Ramli, The Integration of GIS in Travel Demand Forecasting Model in Kuala Lumpur, (MSc in GIS), Main SV, 2020

Undergraduate

1. Nurul Ain Nasuha Binti Jupery, Interactive Cartographic Visualization For Mapping Residential Property Overhang In Klang Valley, Malaysia, 2022
2. Nurul Ezzana Binti Roslan, The Visual Variable Analysis In The Cartographic Development Of Klang Valley's Mass Rapid Transit (Mrt) Schematic Map, 2022
3. Mohamad Ikhwan Nazmie Bin Kamaluddin, Developing Gis Dashboard Of Dengue Cases And Environment In Kuantan, Pahang, 2022
4. Nur Daniza Binti Haris, Detection Of Plastic Pollution In Klang River Using Remote Sensing Technology, 2022
5. Nurul Naziera Binti Kassim, Empowering Sustainable Travel: The Cartographic Design And The Development Of Bicycle Routes And Network Map, 2022
6. Ahmad Thaqif Bin Mohd Azizul, User-centered Cartographic Design and Visualization of Tourism Map in Fraser's Hill and Janda Baik, Pahang
7. Nabilah Binti Jawari, The Cartographic Design and Usability of Pedestrian Map in UiTM Shah Alam, 2021
8. Lizahafifi Binti Mohd Tamin, The Cartographic Visualization of Klang Valley's Water Service Area : Improving Informed Decision Making Through The Use of Map, 2021
9. Nur Atikah Binti Abu Hassan, Mapping Pedestrian Accessibility To Public Transport Station in Subang Jaya : An Isochrone Approach, 2021
10. Nur Alif Najmi Bin Khairul Salleh, Geospatial-Based Evaluation Of The Effectiveness Of Shuttle Bus At Mrt Sungai Buloh - Kajang Line, 2022
11. Muhammad Iqbal Durrany Bin Zulkifly, Determining Optimal Solar Power Plant Location In Melaka, Malaysia: A Gis-Based Solutions, 2022
12. Nadia Binti Kamarudin, Map Use And Usability Of Park And Recreational Area's, 2021

13. Siti Umirah Binti Aziz, Creation Of Effective Schematic Map Of Shah Alam's Bus Route, 2021
14. Nursyafika Binti Mohd Nayar, Development Of Uitm Shah Alam's Schematized Campus Map, 2020
15. Bernadine Senia Anak Changgan, Mapping Of Ecotourism In Kuching Sarawak, 2020
16. Fatin Fatinah Binti Mohd Salleh, Developing Web Application For Facility Mapping At Fspu 1, 2020
17. Sharonina Claudia Sutai Anak Lenggang, The Influence Of Built Environment On The Walkability In Bukit Bintang Using Gis, 2020
18. Iylia Natasya Binti Samsur Bahari, Mobile Application To Allocate The Classroom At Fspu Uitm Shah Alam, 2020
19. Irma Shahira Binti Maharup, Site Selection for ATM In Meeting The Needs Of The User, 2020
20. Siti Zawanah Binti Zulkifli, Prediction of Tides In Malaysian Water Using TOTIS Software, 2019

Publications

1. Mohd Said, M. S., and Forrest, D. (2018) 'Classifying the Diversity of Bus Mapping Systems', Proceedings of the ICA, pp. 1–7. DOI: 10.5194/ica-proc-1-78-2018.
2. Mohd Said, M. S., and Forrest, D. (2019) 'User Preferences for Bus Map Design: Evidence from a Map Usability Study,' Proceedings of the ICA, pp. 1–6. DOI: 10.5194/ica-proc-2-88-2019
3. Mohd Said, M. S. (2021). The cartographic design and usability of whole-network bus maps (Doctoral dissertation, University of Glasgow).
4. Ali, T. A. T., Abbas, M. A., Mustafar, M. A., Mohd Said, M. S., Hashim, N. M., & Sulaiman, S. A. (2022, May). Investigating the Vertical Uncertainty in MBES Measurements. In 2022 IEEE 18th International Colloquium on Signal Processing & Applications (CSPA) (pp. 431-435). IEEE.
5. Zulkifly, M. I. D., & Mohd Said, M. S. (2022, July). Determining Optimal Solar Power Plant Location in Melaka, Malaysia: A GIS-Based Solutions. In IOP Conference Series: Earth and Environmental Science (Vol. 1051, No. 1, p. 012022). IOP Publishing.

Research Grants and Awards

1. 2019, International Cartographic Conference (ICC) Tokyo, Japan 2019 Travel Award
2. 2018, Geographical and Earth Sciences Research Enabling Fund, University of Glasgow
3. 2017, International Cartographic Association (ICA) Scholarship for Young Researcher
4. 2017, International Cartographic Conference (ICC) Washington DC, USA 2017 Travel Award
5. 2017, Sir Alwyn Williams Research Mobility Fund, University of Glasgow

Consultation and Expertise

1. Project Manager, GIS Digitalization, Kerja-Kerja Konsultansi Urusan Pentadbiran Tanah Untuk Tenaga Nasional Berhad (TNB), National Level, 2019-Present
2. Technical Session Chair and Research Manuscript Reviewer, International Conference on Geomatics and Geospatial Technology (GGT) 2022, 2021-2022
3. Technical Session Chair and Research Manuscript Reviewer, International Conference on Geomatics and Geospatial Technology (GGT) 2021, 2020-2021
4. Committee Member, National Occupational Skills Standard (NOSS) Developments for Hydrographic Survey Operations, 2014-2015

Work & Collaboration Experience

1. Offshore Hydrographic Surveyor, THS Geoscience Sdn Bhd, 2012-2015
 - Involved in various offshore construction and subsea survey project around the South China Sea.
 - Provide technical support for all QPS hydrographic software and visualization product (Qinsy, Qimera, and Fledermaus) in Southeast Asia.

2. Graduate Research Assistant, Universiti Teknologi MARA, 2011-2012

Services & Administration

1. Head of Infrastructure Cluster, Ui Green Metric (UiGM), UiTM Green Center, UiTM – 2022 - Present
2. Coordinator - PPSUG-FSPU – Examination Committee, 2020 - Present.
3. Coordinator - PPSUG-FSPU – Corporate Social Responsibility (CSR) Committee, 2020 - Present.
5. Committee Member, International Conference on Geomatics and Geospatial Technology (GGT) 2021