

MOHAMAD HEZRI RAZALI (Sr)

Lecturer

Centre of Studies for Surveying Science & Geomatics
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Areas of Expertise

Cadastre, Utility Mapping, 3D Cadastre, Engineering Survey (3-5 keywords)

<https://expert.uitm.edu.my/profile.php?id=GTb+rAnHouPPL72P8K+2oJt0ibQQQuCV7M4BShO7FuM=>

<https://fspu.uitm.edu.my/index.php/corporate/directory/25-surveying-science-geomatics-shah-alam/266-mohamad-hezri-razali-sr>

https://scholar.google.com/citations?view_op=new_articles&hl=en&imq=MOHAMAD+HEZRI+RAZALI#

Personal Information

Mohamad Hezri Bin Razali

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Centre of Surveying Science & Geomatics
Faculty of Architecture, Planning and Surveying (FSPU)

Academic Qualifications

1. **Master** in Built Environment (Research), 2017, Universiti Teknologi MARA (UiTM)
2. **Degree** of Science Surveying Science and Geomatics (Honours), 2013, Universiti Teknologi MARA (UiTM)
3. **Diploma** in Ukur Tanah, 2008, Tuanku Sultanah Bahiyah Polytechnic, Kulim
4. **Certificate** in 2007

Professional Members

1. Royal Institution of Surveyors Malaysia (RISM), Member, 2019-2021

Teaching and Learning

1. Degree, September 2020, Advanced Cadastral Surveying (GLS559), Lecture & Practical
2. Degree, September 2020, Utility Survey and Mapping (GLS697), Lecture & Practical
3. Degree, September 2020, Advanced Geodesy (GLS611), Practical
4. Degree, September 2020, Field Scheme 1 (GLS652), Lecture & Practical
5. Degree, September 2020, Principle of Surveying (GLS418), Practical

Student Supervision

1. Muhammad Amsyar Bin Hasmon 2018224292, Accuracy Assessment On Ground Penetrating Radar (GPR) With Different Time Scanning On Various Types of Underground Materials, October 2020 (Main Supervisor)
2. Anwar Farhan B Badrul Hisham 2018227012, Verification Of Asphalt Layer Using Ground Penetrating Radar (GPR), October 2020 (Main Supervisor)
3. Muhammad Syafiq Bin A. Kadir 2018226838, Interpretation Of Ground Penetrating Radar Images With Different Types Of Soil, October 2020 (Main Supervisor)
4. Atikah Syahmina Bt Mohd Azman 2018400502, Assessment Of Depth Accuracy By Using Ground Penetrating Radar (GPR), October 2020 (Main Supervisor)
5. Hana Suhana Binti Ab Halim 2016586909, The Concept of Spatium For Future Malaysian 3D Cadastre In Technical Perspective, March 2020 (Main Supervisor)
6. Muhammad Fahmi Bin Imam Razali 2017800022, Comparative Assessment Between Different Ground Penetrating Radar (Gpr) on The Various Types Of Utility, July 2020 (Main Supervisor)
7. Muhammad Hafiz Bin Hazman 2017800076, Application Of Building Information Modelling (BIM) For 3D Strata in Malaysia, July 2020 (Main Supervisor)
8. Muhammad Naim Bin Ramli 2017800176, Accuracy of GPR Data With Different Soil Moisture Conditions, July 2020 (Main Supervisor)
9. Muhammad Othman Arif Bin Mohd Annuar 2017436716, Stratum Survey Of Mass Rapid Transit (MRT), July 2020 (Main Supervisor)
10. Muhammad Ridhwan Haziq Bin Haron 2017852632, Evaluation on the Seamlessness of the NDCDB With Different States (Selangor & Pahang) Based On Least Square Adjustment (LSA), July 2020 (Main Supervisor)

11. Tuan Nur Atikah Binti Tuan Mohd Nor 2017800224, Accuracy Assessment On Point Cloud Dataset From Terrestrial Laser Scanner With Different Object Surface Properties, July 2020 (Main Supervisor)
12. Farah Ilyana Bt Hairuddin 2017800098, Integration Of Augmented Reality And 3D Visualization For Strata Management Scheme, July 2020 (Co-Supervisor)
13. Muhammad Safwan B. Zakaria 2016598927, Implementation of 3D Scanning Technology Using Terrestrial Laser Scanner And Mobile Laser Scanner For Strata Title Survey January 2020 (Main Supervisor)
14. Ahmad Fitri B. Baharuddin 2016332275, Critical Assessment On Accuracy Of Ground Penetrating Radar (GPR): With Different Frequency, January 2020 (Main Supervisor)
15. Nurul Fatin Nabila Zainal Abidin 2016490874, Accuracy Assessment on the height of shipping container through UAV Photogrammetry: AGISOFT VS PIX4D, July 2019 (Main Supervisor)
16. Sabylla Soraya Mohd Yusri 2016208882, The segmentation of Agriculture area at Sekinchan, Sabak Bernam Selangor, July 2019 (Main Supervisor)
17. Nurhidayah Mohd Suhaimi 2015283776, Accuracy Assessment on Point Cloud Datasets of the Terrestrial Laser Scanner (TLS) for 3D Building Modelling, July 2019 (Main Supervisor)
18. Siti Nor Aliah Mohamad 2016208854, Features Identification through Multi-level Image Segmentation Analysis, July 2019 (Main Supervisor)

Publications

1. Farah Ilyana Hairuddin, Abdul Rauf Abdul Rasam, Mohamad Hezri Bin Razali , 2020,towards a 3d cadastre augmented reality in malaysia
2. Rosmadi Bin Ghazali, Abdul Rauf Abdul Rasam, Mohamad Hezri Bin Razali, Raiz Bin Razali, Z. Abd Latif,2019, Estimation Of Different Subsurface Materials Depth Using Ground Penetrating Radar,International Journal Of Advanced Trends In Computer Science And Engineering,8,2019,363 - 370
3. Afiq Abdullah, Jasmee Bin Jaafar, Tahar, K.n, Mohamad Hezri Bin Razali,2019, Shipping Container Counting Approach Using Unmanned Aerial Vehicle (uav) And Arcgis,Built Environment Journal,16,2,1-14
4. Mohamad Hezri Bin Razali, Juazer Rizal B Abdul Hamid, Nasri Md Rani,2016, Cadastral Survey Practice In A Multilayered 3d Situation For Future3d Cadastre System,International Surveying Research Journal (ISRJ),6,0,11-20

5. Mohamad Hezri Bin Razali, Rosmadi Bin Ghazali, Abdul Rauf Abdul Rasam, Muhammad Iqram Abd Jalil , 2019,ground penetrating radar for detecting underground pipe buried in different type materials
6. Nurhanisah Binti Hashim, Juazer Rizal B Abdul Hamid, Noraain Mohamed Saraf, Nabilah Naharudin, Maisarah Binti Abdul Halim, Mohamad Hezri Bin Razali , 2019,spectral information extraction from worldview-2 image for urban features identification
7. Muhammad Najwan Kamarulzaman, Daniel Abdul Halim, Abdul Rauf Abdul Rasam, Rosmadi Bin Ghazali, Mohamad Hezri Bin Razali , 2019,al-qiblat apps: a geomobile apps for accurate and localised qiblat direction in malaysia

Research Grants and Contracts

1. 2020, Development of Spatial Database for Individual Planted Tree using Geospatial Technology in UiTM, Shah Alam, RM25,000, On going
2. 2019, Refitting National Gravimetric Geoid Model Towards Centimeter Level GNSS Orthometric Height, RM30,000

Consultation & Expertise

1. Tenaga Nasional Berhad (TNB), Kerja-Kerja Konsultansi Urusan Pentadbiran Tanah Untuk TNB, National Level, Surveyor Member, 2019

Innovation, Commercialization & Entrepreneurial

1. My 3D Strata AR, Integration Of Augmented Reality And 3D Visualization For Strata Management Scheme, AR Application, University level, 2020
2. Al-qiblat apps: a geomobile apps for accurate and localised qiblat direction in malaysia, Mobile Application, University Level, 2019

Services & Administration

1. Non-Resident Staff, 2 years, University Level, Bahagian Hal Ehwal Pelajar (NR)
2. AJK Member of Setting & Infastucture (SI), 2 years, Jawatankuasa Kelestarian UiTM
3. AJK Member, 2 years, Jawatankuasa Persidangan 7th International Conference of Geomatics And Geospatial Techonlogy (GGT)

4. AJK Member, 1 years, Roadshow Greenation UiTM
5. AJK Member, 2 years, JAWATANKUASA MyRA FSPU, UiTM Shah Alam
6. AJK Member, 2 years, JAWATANKUASA PRISMA, UiTM Shah Alam
7. AJK Member, 2 years, INFRASTRUKTUR DAN INFOSTRUKTUR, UiTM Shah Alam
8. AJK Member, 2 years, Jawatankuasa Semakan Kurikulum Program Ijazah Sarjana Muda Sains Ukur Geomatik (AP220)
9. Koordinator, 2 years, Kursus Jangka Pendek Pusat Pengajian Sains Ukur Geomatik

Awards & Recognitions

1. Bronze medal, 5th International Built Environment Undergraduate Research Competition (BEURC) 2020, Ground Penetrating Radar (GPR):Accuracy Assessment Between Different Frequencies On Opera Duo, University Level, 2020
2. Silver medal, Universiti Teknologi MARA (UiTM), MY 3D STRATA AR, University Level, 2020
3. Gold Medal, Universiti Teknologi MARA Cawangan Perlis, Towards a 3D Cadastre Augmented Reality in Malaysia, University Level, 2020

Contribution to Society

1. Pemetaan Kem Khidmat Negara PLKN Merbok Kedah, Universiti Teknologi MARA (UiTM), 2019
2. Global Surveyor Day 2019, Universiti Teknologi MARA (UiTM), 2019
3. Program Cerap Bulan Dan Bintang PLKN Merbok Kedah, 2019
4. Save Our Nature at Pantai Teluk Batik Perak, 2019
5. Tree Planting MBSA at Universiti Teknologi MARA (UiTM) Shah Alam, 2019
6. University Innovation Festival (UIF), Univesity level, 2019
7. Pengurus Sukan Squash FSPU Sukan Antara Fakulti (SAF), 2019
8. Program Agihan makanan kepada pelajar UiTM Shah Alam sewaktu Pendamik Covid 19,2020
9. Pegawai bertugas hantar pelajar pulang ke kampung sewaktu Pendamik Covid 19,2020

