



Fakulti
Senibina,
Perancangan
dan Ukur

Academic Curriculum Vitae

AMIR SHARIFUDDIN BIN AB LATIP (Sr, Dr)

Senior Lecturer

Centre of Studies for Surveying Science and Geomatics,
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Areas of Expertise

Geomatics, GPS and InSAR.

<https://www.scopus.com/authid/detail.uri?authorId=56239411400>

<https://scholar.google.com/citations?user=0N8KqwMAAAAJ&hl=en>

Personal Information

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Academic Qualifications

PhD in Civil Engineering (Specialisms in InSAR), 2019, Universiti Teknologi Petronas (UTP), Seri Iskandar, Perak.

Master of Science (Geomatics Engineering), 2013, Universiti Teknologi Malaysia (UTM), Skudai, Johor.

Bachelor of Engineering (Geomatics), 2008, Universiti Teknologi Malaysia (UTM), Skudai, Johor.

Diploma in Land Surveying, 2004, Politeknik Ungku Omar (PUO), Ipoh, Perak.

Certificate in Land Surveying, 2003, Politeknik Ungku Omar (PUO), Ipoh, Perak.

Professional Members

Royal Institution of Surveyors Malaysia (RISM), Member, February 2021-present.

Teaching and Learning

1. Degree, Oct 2020, Land Laws and Regulations, and Programming for Surveyors (Lecture).
2. Degree, Oct 2020, Land Surveying and Site Surveying (Practical).
3. Diploma, Jun 2016, Site Surveying (Lecture and Practical).
4. Diploma, Jun 2010, Astronomy and Cadastral (Lecture and Practical).

Student Supervision

MSc Supervision

1. Andi Mohd Hairry Bin Ansar (MGH203015), MSc By Research, Estimating Surface Deformation Changes in Tropical Region using Interferometric Synthetic Aperture Radar (InSAR), Co- Supervisor, Active.

BSc Supervision

1. Qistina Binti Abdullah (2017643158), Landslide Deformation Detecting and Monitoring using InSAR, Active.
2. Siti Farhana Binti Zamri (2017643146), Temporal and Spatial Pattern Water Quality Parameter from Sungai Langat Water Treatment Plant in Selangor, Active.
3. Nur Aina Izzati Binti Yacob (2017643078), Crop Monitoring and Yield Prediction using Artificial Neural Network, Active.
4. Nur Amirah Binti Mohd Hasni (2017699888), Impacts of Land Reclamation on Marine Water Quality using Remote Sensing, Active.

Publications

1. Matori, A. N. and **Latip, A. S. A.** (2019). Settlement Monitoring of Liquefied Natural Gas Terminal with Persistent Scatterer Interferometry. Malaysian Construction Research Journal. 27 (1), 39 – 48.
2. **Latip, A. S. A.**, Matori, A. N. and Aobpaet, A. (2018). A Case Study on Offshore Platform Deformation Monitoring by Using InSAR. International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2018). 13th-14th August. Kuala Lumpur Convention Centre (KLCC), Malaysia.
3. Matori, A. N. and **Latip, A. S. A.** (2017). Settlement Monitoring of Liquefied Natural Gas Terminal with Persistent Scatterer Interferometry. International Conference on Engineering Technology, Vocational Education and Social Science 2017 (ICETVESS2017). 29th - 30th August. Convention Hall, E-Learning Building, Sultan Idris Education University, Malaysia.
4. **Latip, A. S. A.**, Matori, A. N. and Perissin, D. (2016). Monitoring Deformation of Liquefied Natural Gas Terminal with Persistent Scatterer Interferometry. International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2016). 15th-17th August. Kuala Lumpur Convention Centre (KLCC), Malaysia.
5. Md Din, A. H., Md Reba, M. N., Omar, K. M., Ses, S. and **Latip, A. S. A.** (2015). Monitoring Vertical Land Motion in Malaysia using Global Positioning System (GPS). 36th Asian Conference on Remote Sensing. 24th- 28th October. Metro Manila, Philippines.
6. Matori, A. N. and **Latip, A. S. A.** (2015). Geomatics – its relevance to Oil & Gas Industries. Joint International Geoinformation Conference 2015. 28th-30th October. Kuala Lumpur, Malaysia.
7. **Latip, A. S. A.**, Matori, A. N., Aobpaet, A. and Din, A.H.M. (2015). Monitoring of Offshore Platform Deformation with Stanford Method of Persistent Scatterer (StaMPS). The 2015 International Conference on Space Science and Communication (IconSpace2015) . 10th-12th August. Langkawi, Malaysia.
8. Matori, A. N., **Latip, A. S. A.**, Harahap, I. S. H. and Perissin, D. (2014). Deformation Monitoring of

Offshore Platform Using the Persistent Scatterer Interferometry Technique. Journal of Applied Mechanics and Materials. Vol. 567 (2014) pp 325-330.

9. Matori, A. N., **Latip, A. S. A.**, Harahap, I. S. H. and Perissin, D. (2014). Deformation Monitoring of Offshore Platform Using the Persistent Scatterer Interferometry Technique. International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2014). 3rd-5th June. Kuala Lumpur Convention Centre (KLCC), Malaysia.
10. **Latip, A. S. A.** and Musa, T. A. (2011). GPS Meteorology Activities in the Malaysian Peninsula. Proceedings of 10th International Symposium & Exhibition on Geoinformation (ISG2011) & ISPRS Commission II/5 & II/7 Conference . 27-29 September. Shah Alam Convention Centre, Malaysia.
11. Musa, T.A., **Latip, A. S. A.**, Othman, R., Ses, S., Omar, K., Abdullah, K., Lim, S. and Rizos, C. (2011). GPS meteorology in a low-latitude region: Remote sensing of atmospheric water vapor over the Malaysian Peninsula. Journal of Atmospheric & Solar-Terrestrial Physics. 73 (16), 2410-2422.
12. Rizos, C., Samsung, L., Tajul A.M., Sahrum, S., **Latip, A. S. A.** and Kefei, Z. (2009). Atmospheric Remote Sensing Using GNSS in the Australasian Region: From Temperate Climates to the Tropics. Proceedings of the 2009 IEEE International Geoscience & Remote Sensing Symposium. 12 – 17 July. Cape Town, Africa.
13. **Latip, A. S. A.** and Tajul, A.M. (2009). GPS ZPD Estimation for Meteorological Applications: From Low Latitude to the Mid Latitude Regions. Proceeding of the FKSG Postgraduate Seminar 2009. 14-15 July. Institut of Ibnu Sina UTM, Skudai, Johor Bharu, Malaysia.
14. **Latip, A. S. A.**, Tajul, A.M., Khairul, A.A. and Azhari, M. (2008). GPS Meteorology: Towards Near Real Time Remote Sensing of Atmospheric Water Vapour to Support Meteorological Activities and Services in Low-Latitude Region. Proceedings of the 7th International Symposium & Exhibition on Geoinformation (ISG 2008), 13-15 October, Putra World Trade Centre (PWTC), Kuala Lumpur, Malaysia.

Research Grants and Contracts

1. Researcher, InSAR-Derived Surface Deformation for Geomechanical Model Calibration of Offshore Sarawak Field, Yayasan Universiti Teknologi Petronas - Fundamental Research Grant (YUTP-FRG), (August 2017 to July 2020), Rm 153, 910.
2. Graduate Research Assistantship, Investigating Nonlinear Deformation Model for Offshore Platform based on Persistent Scatterer Interferometry (PSI) Technique, Fundamental Research Grant Scheme (FRGS), (December 2013 to Jun 2016), Rm 88, 000.
3. Researcher, Subsidence Monitoring of Offshore Platform by Permanent Scatterer InSAR (PSInSAR) Technique, Yayasan Universiti Teknologi Petronas - Fundamental Research Grant (YUTP-FRG), (November 2011 to February 2014), Rm 197, 400.

Consultation & Expertise

1. Consultant for Development, Operation and Maintenance of GPS Continuous Operation Reference Stations (CORS) in Makkah (October 2019 - November 2019).
2. Reviewer for Conference on Geomatics and Geospatial Technology (GGT) 2021.
3. Reviewer for Journal of Applied Remote Sensing (2019)

Innovation, Commercialization & Entrepreneurial

Services & Administration

Appointed as Committee Member for Geomatics and Geospatial Technology (GGT) conference (2020-2021).

Work and Collaboration Experience

1. Part-Time/ Full-Time Lecturer, October 2020 - November 2020, UiTM Shah Alam, Teaching and Practical.
2. Research Officer, July 2018 - December 2019, UTP, Researcher.
3. Part-Time Lecturer, August 2016 - September 2016, UiTM Seri Iskandar, Teaching and Practical.
4. Research Officer, April 2012 - January 2014, UTP, Researcher.
5. Part-Time/ Full-Time Lecturer, Jun 2010 - Dec 2010, UiTM Perlis, Teaching and Practical.
6. Land Surveyor, Jan 2005 – Jun 2005, Freelance Survey, Kepong, Kuala Lumpur, Cadastral and Engineering Survey.
7. Land Surveyor, Jun 2003 – Dec 2003, Freelance Survey, Kepong, Kuala Lumpur, Cadastral and Engineering Survey.

Awards & Recognitions

1. Best Graduate Assistant Award, Faculty of Engineering Appreciation Day 2017, UTP.
2. Hadiah Penerbitan Angkasa 2011, MOSTI and ANGKASA Malaysia, GPS Meteorology in Low-Latitude Region: Remote Sensing of Atmospheric Water Vapor Over the Malaysian Peninsular, 2nd Place for Category II: Professional Working Paper in the Field of Space Applications (i. Publication in Magazines / Journals / E-Journals).

Contribution to Society

Determining the Qibla Direction of the Temporary Prayer Place, Imaniah Mosque, Jalan Bemban, Batu Gajah, May 2015.

Other Activities