



CURRICULUM VITAE

A. BIODATA

- a. Name: Siti Nooradzah Adam
- b. Department: Deputy Dean Research and Innovation Office
- c. Faculty: Engineering
- d. Field of Specialisation: Spatial Information Engineering
- e. Staff Card Number: A02383
- f. Identity Card Number (New): 790314-01-5360
- g. Date of Birth: 14 March 1979
- h. Contact:
Mobile Phone: 012-2923 994
E-mail: snadzah@upm.edu.my
- i. Current Position:
Grade: Q48
Date of Present Appointment: 01/06/2020
- j. Competency Level Assessment (Penilaian Tahap Kecekapan):
TK 1 Level IV Year Taken 2010

B. EDUCATION AND ACADEMIC QUALIFICATION

Degree	Class/Achievement	University Awarded	Year
First Degree	B. Eng (Computer and Communication Systems)	Universiti Putra Malaysia	2002
Second Degree	MSc. (Spatial Information Engineering)	Universiti Putra Malaysia	2012

C. ADMINISTRATIVE DUTIES AND OTHER RELEVANT APPOINTMENT

No.	Position	Department/Faculty/Other Institution	Year
1.	Science Officer	Institute of Advanced Technology	2002 – 2008
2.	Research Officer	Institute of Advanced Technology	2008 – 2012
3.	Research Officer	Faculty of Engineering	2012 – present

D. NON-ACADEMICS AWARDS AND RECOGNITION

No.	Award/Recognition	Organisation	Date
1.	Sijil perkhidmatan cemerlang	UPM	2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2014, 2015, 2016, 2017, 2018, 2019
2.	Hadiah Hari Kualiti (Q) ITMA untuk Pengurusan dan Profesional	ITMA	2008
3.	Anugerah Pekerja Cemerlang	UPM	2016

E. PUBLICATIONS

1. Adam, S.N.A., Shafri, H.Z.M., Mansor S. 2010. Design and Development of Online Spectral Library of Spectral Data: UPMSPECLIB. Proceedings of MRSS 6th International Remote Sensing & GIS Conference and Exhibition. 28-29 April 2010. Putra World Trade Centre, Kuala Lumpur.
2. Adam, S.N.A, Shafri, H.Z.M, Mansor, S, 2011, Design and Development of Online Hyperspectral Library of Spectral Data, International Geoinformatics Research and Development Journal, Volume 2, Issue 4, December 2011.
3. J.M. Yusof, M.A.M Salleh, S.A. Rashid, I.Ismail, S.N Adam, 2014. Characterization of Carbon Particles (CPs) derived from Dry Milled Kenaf Biochar, Journal of Engineering Science and Technology Special Issue on Applied Engineering and Sciences, Special Issue, pp 125 – 131.
4. Nader Saadatkah, Shattri Mansor, Zailani Khuzaimah, Arnis Asmat, Noraizam Adnan, Siti Nooradzah Adam, Impact of land cover change on the environmental hydrology characteristics in Kelantan river basin, Malaysia, Proc. SPIE 9975, Remote Sensing and Modeling of Ecosystems for Sustainability XIII, 997507 (September 19, 2016); doi:10.1117/12.2238897; <http://dx.doi.org/10.1117/12.2238897>.
5. Nader Saadatkah, Jaafar Rahnamarad, Shattri Mansor, Zailani Khuzaimah, Arnis Asmat, Nor Aizam Adnan, Siti Nooradzah Adam, Land Use Sensitivity Map for the Extreme Flood Events in the Kelantan river Basin, February 2017, Conference: ICEGG 2017: 19th International Conference on Engineering Geology and Geomorphology, Dubai, Volume: paper Code=17AE020145.
6. Shattri Mansor, Nader Saadatkah, Zailani Khuzaimah, Arnis Asmat, Nor Aizam Adnan and Siti Nooradzah Adam, Regional Modelling of Rainfall-Induced Runoff using Hydrological Model by Incorporating Plant Cover Effects: Case Study in Kelantan, Malaysia, September 2018, Natural Hazards, Volume 93, Issue 2, pp 739–764.

7. Ahmad Salahuddin Mohd Harithuddin, Mohd Fazri Sedan, Syaril Azrad Md Ali, Shattri Mansor, Hamid Reza Jifroudi, Siti Nooradzah Adam, Zailani Khuzaimah, Lighter-Than-Air (LTA) Unmanned Aerial System (UAS) Carrier Concept For Surveillance And Disaster Management, Seminar Nasional Geomatika, pp 1255-1264, Volume 3, 2019.
8. HJ Jumaah, S Mansor, B Pradhan, SN Adam, UAV-Based PM2. 5 Monitoring for Small-Scale Urban Areas, International Journal of Geoinformatics, 2018, Vol 14, Issue 4.
9. W.A. Wan Ab Karim Ghani, M.A.M. Salleh, S.N. Adam, H.Z.M. Shafri, S.N. Shaharum, K.L. Lim, N.J. Rubinsin, H.L. Lam, Azhan Hasan, Sheila Samsatli, J.F. Tapia, R. Khezri, Ida Fahani Md Jaye, E. Martinez-Hernandez, Sustainable bio-economy that delivers the environment–food–energy–water nexus objectives:The current status in Malaysia, 2019, Food and Bioproducts Processing 118 (2019) 167–186.

F. AWARDS

1. Siti Nooradzah Adam, Helmi Zulhaidi Mohd Shafry. 2007. Design and Development of an Interactive Digital Spectral Library of Spectral Data. Pameran Rekacipta, Penyelidikan dan Inovasi (PRPI) 2007, 27-29 November 2007, Dewan Besar, PKKSSAAS, Universiti Putra Malaysia. **Bronze Medal.**
2. Siti Nooradzah Adam, Helmi Zulhaidi Mohd Shafri, Shattri Mansor. Digital Hyperspectral Library of Materials UPMSPECLIB. Pameran Rekacipta, Penyelidikan dan Inovasi (PRPI) 2011, 19-21 July 2011, Dewan Besar, PKKSSAAS, Universiti Putra Malaysia. **Silver Medal.**
3. Shattri Mansor, Maizatul Akma Mohamad, Siti Nooradzah Adam, Zailani Khuzaimah, Noordin Ahmad, Halaltracer: A Real Time Traceability System for Halal Logistic Transportation. Pameran Rekacipta, Penyelidikan dan Inovasi (PRPI) 2016, 15-16 November 2016, Dewan Besar, PKKSSAAS, Universiti Putra Malaysia. **Silver Medal.**
4. Zurina Zainal Abidin, Nor Hasni Zahari, Siti Nooradzah Adam, Stem Based Activities as Alternative to Assess Team Work Element in Teaching and Learning, Putra Innovative Competition 2018, 1-2 August 2018, Universiti Putra Malaysia. **Bronze Medal.**

G. INTELLECTUAL PROPERTIES

1. Siti Nooradzah Adam, Helmi Zulhaidi Mohd Shafri, Shattri Mansor. UPMSpeclib. **Copyright SD Date 11 May 2011.**

H. RESEARCH GRANTS

No.	Title	Role (Main/Co-researcher)	Sponsor/Grant and Amount (RM)	Period (year)	Status (Completed /Ongoing)
1.	Geostructural mapping and geomorphology behaviour on mass movement rendition using geoinformatics technology in Bukit Antarabangsa, Ampang, Selangor	Main Researcher	UPM/RUGS/ RM28,000	August 2009 - August 2011	Completed
2.	Development of an oil palm fresh fruit bunches fluorescence sensor	Co-researcher	MOHE/PRGS/ RM58,000	August 2012 - August 2014	Completed
3.	Optimization of detection system for FFA content in FFB at the gate by using the multiband techniques and the thermal spectrum	Co-researcher	MOHE/LRGS/ RM158,543	July 2012 - July 2017	Completed
4.	The development of real time oil palm FFB maturity sorter	Co-researcher	UPM/RUGS/ RM296,000	October 2012 - April 2014	Completed
5.	Multi sensor tracking and fusion for efficient maritime surveillance utilizing Unmanned Aerial Vehicles (UAVs) flying in swarms	Co-researcher	UPM/GP-IPB/ RM107,400	November 2013 - November 2015	Completed
6.	Modelling near equatorial remote imaging: models and methods for image processing	Co-researcher	MOSTI/ Sciencefund/ RM301,480	Mac 2014 - August 2016	Completed
7.	Spatial Smart City Service Delivery Engine	Co-researcher	MOSTI/ Technofund/ RM233,300	December 2014 - January 2017	Completed
8.	Spatiotemporal sensitivity maps for impacts of land management on extreme floods	Co-researcher	MOHE/TRGS/ RM86,900	April 2015 - December 2016	Completed
9.	New Algorithm for Retrieving Coastal Water Level Changes sing Along-Track Interferometric Synthetic Aperture Radar (ATINSAR)	Co-researcher	MOHE/FRGS/ RM88,880	August 2016 - July 2018	Completed

I. INVOLVEMENT IN PROFESSIONAL ASSOCIATION/ORGANIZATION/BODY

No.	Name of Association/Organization/Body	Role (President/Secretary/Committee Member/Ordinary Member)
1.	IGRSM- Institution of Geospatial and Remote Sensing Malaysia	Ordinary Member

J. SEMINARS/CONFERENCES/WORKSHOPS/COURSES (ORGANIZING COMMITTEE)

No.	Title of Seminar/Conference/Workshop/Course	Role	Level (International/ National/University/ Faculty/ Department)	Year
1.	TSL Expository Lecture Series V "Computational Physical Sciences 2006"	Committee member	University	2006
2.	Persidangan Pengajaran dan Pembelajaran di Peringkat Pengajian Tinggi 2007 (CTLHE07)	Committee member	National	2007
3.	ISPRS Working Group II/4 Training Workshop on Spatial Planning and Decision Support Systems	Secretariat	University	2007
4.	8 th International Symposium and Exhibition on Geoinformation (ISG 2009)	Secretary	International	2009
5.	International Advanced Technology Congress 2009 (ATCi 2009)	Technical and Program Book Committee Member and SPACE 2009 Secretariat	International	2009
6.	GIS Day 2010	Secretariat	University	2010
7.	International Symposium and Exhibition on Geoinformation (ISG 2010)	Secretary	International	2010
8.	World Engineering Congress 2010	Organizing Committee for GCEC	International	2010
9.	GIS Day 2012	Committee Member	University	2012
10.	7 th IGRSM Conference and Exhibition on Remote Sensing & GIS	Secretariat	International	2014
11.	International Symposium and Exhibition on Geoinformation (ISG 2014)	Secretary	International	2014
12.	Simposium Penyelidik 2015	JK Publisiti	University	2015
13.	8 th IGRSM Conference and Exhibition on Remote Sensing & GIS	Secretariat	International	2016
14.	Minggu Terbuka Jabatan Kejuruteraan Kimia dan Alam Sekitar	Setiausaha, JK Perasmian dan Forum, JK Pameran Sains, JK Promosi dan Buku Program	Faculty	2016
15.	IEEE Workshop on Geoscience and Remote Sensing (IWGRS 2016)	Committee Member	National	2016
16.	Bengkel Peningkatan Kendiri Penyelidik UPM Menujah Ke Arah Kemajuan Kerjaya	JK Publisiti	University	2016
17.	Majlis Anugerah Putra RO 2016	Publicity Exco	University	2016
18.	Mesyuarat Jawatankuasa Pengajian Program Master Jabatan Kejuruteraan Awam	Pencatat Minit Mesyuarat	Jabatan	2017

19.	Fundamentals of Implementation of Remote Sensing Data for Industries, Agriculture and Rational Nature Management	Sekretariat	TNCJIM	2018
20.	Symposium of Chemical Engineers (SOMChE) 2018	Secretary II	International	2018
21.	2018 International Conference on the Biomass-Environmental-Food-Energy-Water (BEFEW) NEXUS	Secretary	International	2018
22.	Putra Research Symposium (PRS) 2018	Chairman	National	2018
23.	Engineering Innovation Exhibition 2019	Coordinator	Faculty	2019

K. OTHER INVOLVEMENT

No.	Name of Association/Organization/Body	Role (President/Secretary/Committee Member/Ordinary Member)
1.	Persatuan Pegawai Penyelidik UPM Sesi 2011	Exco
2.	Persatuan Pegawai Penyelidik UPM Sesi 2015/2016	Exco ICT dan Publisiti
3.	Persatuan Ibu Bapa dan Pendidik Pusat Kecemerlangan Penyelidikan Keluarga, Remaja dan Kanak-Kanak (FACE, UPM)	AJK Publisiti
4.	Persatuan Pegawai Penyelidik UPM Sesi 2016/2017	Exco ICT dan Publisiti
5.	Persatuan Pegawai Penyelidik UPM Sesi 2017/2018	Exco ICT dan Publisiti
6.	Persatuan Pegawai Penyelidik UPM Sesi 2018/2020	Exco ICT dan Publisiti
7.	Kelab Sukan dan Sosial Fakulti Kejuruteraan	Member
8.	Persatuan Pentadbir UPM	Member

L. REFEREES

Assoc. Prof. Dr. Khalina Abdan
Deputy Dean
Research and Innovation
Faculty of Engineering
Universiti Putra Malaysia
43400 UPM Serdang

Prof. Dato Dr. Shattri Mansor
Professor
Department of Civil Engineering
Faculty of Engineering
Universiti Putra Malaysia
43400 UPM Serdang