

Name :	NAZAHATUL ANIS AMALUDIN
Faculty :	Faculty of Earth Science, Univerisiti Malaysia Kelantan, Jeli Campus, 17600, Jeli, Kelantan
Staff No :	00131A
Grade of Position	Senior Lecturer (DS51)
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EDUCATION BACKGROUND

Education Level	Date/Year of Appointment
Ph.D in Ecology University of Aberdeen, United Kingdom	February 2013
Master of Science (Conservation Biology) Universiti Kebangsaan Malaysia	Dec 2006
Bachelor of Science (BSc.) Biology Universiti Kebangsaan Malaysia	May 2005
Diploma Eksekutif Pendidikan Keusahawanan	August 2018

BASIC PROFILE

Appointments	Date/Year of Appointment
Lecturer DM45/DM46	September 2009
Lecturer DM52/DM51	1 June 2013
Lecturer DM53/DM54/DT1	
Professor (VK7)	
Professor (VK6)	
Year of Birth	1983
Professional Qualification (Year Obtained)	

POSTGRADUATE SUPERVISION**MASTER (RESEARCH) SUPERVISION COMPLETED (Includes Co-supervision)**

	Students Name	Institutions	Year Enrolled	Year End
1	MUHAMAD HAMIRUL SHAH AB RAZAK (Co-Supervisor)	Universiti Malaysia Kelantan	FEB 2014	JAN 2020
2				
3				
4				
5				

RESEARCH FUNDINGS (State whether Principal/Co-Researcher)**NATIONAL LEVEL ACTIVE RESEARCH FUNDING (MOSTI/FRGS & Others) (Last Five Years)**

	Research Project	Source	Total Funds	Begin Year	End Year
1	R/RACE/A08.00/00131A/001/2014/000158 <i>Principal</i>	RACE	RM46,700	FEB 2014	OGOS 2016
2	Green Solution Approach for Post Flood Assessment on Hillslopes Stability Based on Vegetation Growth by using Geographic Information System (GIS) and Electrical Resistivity Imaging (ERI) Method for Hillslopes Sustainable Management Code: FRGS/1/2015/STWN01/UMK/03/1 <i>Co-Researcher</i>	FRGS	RM 70,000	APRIL 2015	MEI 2016
3	Promoting Rapid Production of Selected Genus of Araceae Through Tissue Culture Techniques for its Commercial Availability and Conservation Code: R/MyRA/A08.00/00131A/002/2016/000381 <i>Principal</i>	SGJP-MyRA	RM 15,000	NOV 2016	APRIL 2017
4	Study on nighttime ground level ozone chemical removal in Malaysia Code: FRGS/1/2018/STG01/UMK/02/1 <i>Co-Researcher</i>	FRGS 2018	RM93,200	1 JAN 2019	31 DEC 2020
5	Enhancing Image Recognition Technique for Oil Palm Tree Detection and Counting using Drone-Based Remote Sensing Images <i>Co-Researcher</i>	SGJP-IMPAK	RM24,890	15 OKT 2019	14 OCT 2020
6	Development of Prototype for smart plant recognition using Drone-Based Remote Sensing <i>Co-Researcher</i>	UMK-PRO	RM20,000	1 DIS 2020	30 NOV 2021
7	Program Inventori Spesimen Kebangsaan 2020 <i>Co-Researcher</i>	Geran KETSA	RM7,000	OKT 2020	APRIL 2021
8	Diversity and Distribution Assessment of Family Piperaceae in Kelantan using Species Distribution Modelling Code: R/FUND/A0800/00131A/003/2020/00811	UMK-FUND	RM20,000	1 NOV 2020	30 OKT 2021

	<i>Head of Project</i>				
9	Developing GMonS Apps to monitor moisture and temperature in Plants using IoT <i>Co-Researcher</i>	UMK-NICE	RM6,000	21 APRIL 2021	21 APRIL 2022

PUBLICATIONS

PUBLICATIONS FOR 2012

- [1] Maycock, C.R., Kettle, C.J., Eyen Khoo, Pereira, J.T., Sugau, J.B., Nilus, R., Amaludin, N.A., Newman, M.F. & Burslem, D.F.R.P. 2012. A Revised Conservation Assessment of Dipterocarps in Sabah. *Biotropica* 44: 649-657. **{Impact Factor: 2.082}**

PUBLICATIONS FOR 2014

- [1] Chapter in Book
Ibrahim Che Omar (Ed). *Entrepreneurship Education: A guide for Entrepreneurial Education*. In: Nazahatul Anis Amaludin & Amal Najihah Muhamad Nor. 2014. Modular Approach. ISBN: 978-967-5782-69-5. Pages 1-273.
- [2] Proceeding
Mohammed Abdus Salam, Siti Fazlin Othman, Razak Wahab, Hashim Md Noor, and Nazahatul Anis Amaludin. 2014. Sedimentary Nutrient status and water quality assessment of Tumpat mangrove swamp forest at Kelantan Delta. The 5th International Seminar of Regional Network on Poverty Eradication. (RENPER) at Banking University of Ho Chi Minh City on 22-24 Oktober 2014.

PUBLICATIONS FOR 2015

- [1] Proceeding
Noor Liyana Rosdin, Zulhazman Hamzah & Nazahatul Anis Amaludin. Documentation of Edible Aroids in Kelantan, Peninsular Malaysia. The 6th International Seminar of Regional Network on Poverty Eradication (RENPER). 2015. S.V. University, Tirupati, India on 13 – 15 November 2015.
- [2] Proceeding
Noor Liyana Rosdin, Zulhazman Hamzah & Nazahatul Anis Amaludin. Predicting Potential Habitat of Selected Homalomena Genus (ARACEAE) in Kelantan Using Ecological Niche Modeling. 2015. Regional Taxonomy and Ecology Conference 2015 (TEC 2015) in Grand Margherita Hotel, Kuching Sarawak on 1 - 3 Desember 2015
- [3] Proceeding
Noor Liyana Rosdin, Zulhazman Hamzah & Nazahatul Anis Amaludin. GIS as GIS Application as A Rapid Conservation Assessment Tools: Genus *Epipremnum* In Kelantan As A Case Study. The 6th Sci-Tech Grad Symposium at Prince Songkla University on 23 – 24 Mei 2015.

PUBLICATIONS FOR 2016

- [1] Proceeding Flood
Noor Liyana Rosdin, Zulhazman Hamzah & Nazahatul Anis Amaludin. Documentation of Edible Aroids in Kelantan, Peninsular Malaysia. The 6th International Seminar of Regional Network on Poverty Eradication (RENPER). 2015. S.V. University, Tirupati, India on 13 – 15 November 2015.
- [2] Proceeding BrAINs 2016
Noor Liyana Rosdin, Zulhazman Hamzah & Nazahatul Anis Amaludin. Comparison of Different Techniques in Estimating Species Distribution: Genus *Epipremnum* in Kelantan as a Case Study. 2016. Belum Rainforest Summit 2016 on 17 - 22 October 2016.
- [3] Proceeding BrAINs 2016
Nazahatul A. Amaludin, Nizam M. Said, Colin R. Maycock, Eyen Khoo, Reuben Nilus, Mark F. Newman & David F.R.P Burslem. Comparison of Conservation Status of Sabah Dipterocarps Integrated with Land Use Maps as a Rapid Assessment Tool. 2016. Belum Rainforest Summit 2016 on 17 - 22 October 2016.

PUBLICATIONS FOR 2020-2021

- [1] Journal
Nur Safiqah Adnan, Muhammad Firdaus Abdul Karim, Nor Hidayu Mazri, Nadiah Ahmad Fikri, Nursyakirah Saharizan, Nur Basyirah Mohd Ali, Nazahatul Anis Amaludin and Radhiah Zakaria. Plants Diversity in Small Rubber Plantations at Segamat, Johor. 2020. IOP Conference Series: Earth and Environmental Science, Volume 549, 2nd International Conference on Tropical Resources and Sustainable Sciences 10-11 August 2020, Universiti Malaysia Kelantan, City Campus, Malaysia. <https://iopscience.iop.org/article/10.1088/1755-1315/549/1/012033>.
- [2] Journal
Suganthi Appalasamy, Sarmila Rathamanalan, Shalini Arsogah, Sutati Harni, Koh Kay Sam, Nazahatul Anis Amaludin, Boon Jia Geng, Jayaraj Vijaya Kumaran, Nivaarani Arumugam and Sreeramanan Subramaniam. Gingers Species Diversity and Distribution along a Natural Trail of Lojing Highlands, Kelantan. 2020. IOP Conference Series: Earth and Environmental Science, Volume 549, 2nd International Conference on Tropical Resources and Sustainable Sciences 10-11 August 2020, Universiti Malaysia Kelantan, City Campus, Malaysia. <https://iopscience.iop.org/article/10.1088/1755-1315/549/1/012036>.
- [3] Journal
Nurafiqah Zafriakma, Noor Shuhada Masran, Dini Dayana Ahmad, Muhammad Ikram Nazli, Radhiah Zakaria, Muhammad Firdaus Abdul Karim and Nazahatul Anis Amaludin. Preliminary Study on Tree Species Composition, Diversity and Biomass of Dipterocarpus and Hopea genera of Bukit Bakar Forest Eco Park, Machang, Kelantan. 2020. IOP Conference Series: Earth and Environmental Science, Volume 549, 2nd International Conference on Tropical Resources and Sustainable Sciences 10-11 August 2020, Universiti Malaysia Kelantan, City Campus, Malaysia. <https://iopscience.iop.org/article/10.1088/1755-1315/549/1/012037>.
- [4] Journal
Norashikin Fauzi, Muhammad Aided Ilias, Nazahatul Anis Amaluddin, Kamarul Hambali and Mohd Firdaus Mohd Ridzuan. Above Ground Biomass and Carbon Stock of Lianas along the Watershed Area of Pergau, Jeli, Kelantan, Peninsular Malaysia. 2020. IOP Conference

Series: Earth and Environmental Science, Volume 549, 2nd International Conference on Tropical Resources and Sustainable Sciences 10-11 August 2020, Universiti Malaysia Kelantan, City Campus, Malaysia. <https://iopscience.iop.org/article/10.1088/1755-1315/549/1/012038>.

- [5] Journal
Norashikin Fauzi, Muhammad Aideed Ilias, Nazahatul Anis Amaludin, Kamarul Hambali and Mohd Firdaus Mohd Ridzuan. Species Composition and Density of Liana along the Watershed in Pergau, Jeli, Kelantan, Peninsular Malaysia. 2020. IOP Conference Series: Earth and Environmental Science, Volume 549, 2nd International Conference on Tropical Resources and Sustainable Sciences 10-11 August 2020, Universiti Malaysia Kelantan, City Campus, Malaysia. <https://iopscience.iop.org/article/10.1088/1755-1315/549/1/012040>.
- [6] Journal
Noor Liyana Rosdin, Zulhazman Hamzah, Mazlan Mohamed and Nazahatul Anis Amaludin. A Distribution of Homalomena Genus (Araceae) using the Ecological Niche Modeling in the State of Kelantan, Peninsular Malaysia. 2020. International Journal of Advanced Science and Technology. Vol. 29, No. 5s. pp. 1967-1975.
- [7] Journal
N Saharizan, M F A Karim, N H Madzri, N A Fikri, N S Adnan, N B Ali, M A Abas, N A Amaludin and R Zakaria. Species diversity of pteridophytes in oil palm plantations at Segamat, Johor. 2021. IOP Conference Series: Earth and Environmental Science, Volume 756, 3rd Asia Pacific Regional Conference on Food Security (ARCoFS 2021) 9th March 2021, Kelantan, Malaysia <https://iopscience.iop.org/article/10.1088/1755-1315/756/1/012038>.
- [8] Journal
N B M Ali, M F A Karim, N Saharizan, N S Adnan, N H Mazri, N A Fikri, N A Amaludin and R Zakaria. 2021. IOP Conference Series: Earth and Environmental Science, Volume 756, 3rd Asia Pacific Regional Conference on Food Security (ARCoFS 2021) 9th March 2021, Kelantan, Malaysia <https://iopscience.iop.org/article/10.1088/1755-1315/756/1/012034>.

AWARDS 2014

[1] **BRONZE AWARD IN BIOINNOVATION**

MAHANI YUSOFF, ABDUL HAMID MAR IMAN, NIK ALNUR AULI NIK YUSUF, NIK RAIHAN NIK YUSOFF, SARIZAM MAMAT, ASANAH RADHI, NAZAHATUL ANIS AMALUDIN, MOHD HAZIM MOHAMAD AMINI. ECO-PANEL FROM SMI'S WASTE

[2] **BRONZE MEDAL AWARD.** 25TH INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION (ITEX 2014). MAHANI YUSOFF, ABDUL HAMID BIN MAR IMAN, NIK ALNUR AULI NIK YUSUF, NIK RAIHAN NIK YUSOFF, SITTI FATIMAH MHD RAMLE, SARIZAM BIN MAMAT, ASANAH RADHI, NAZAHATUL ANIS AMALUDIN, MOHD HAZIM MOHAMAD AMINI. ECO DONACCA COMPOSITE.

AWARDS 2016

[1] **BRONZE MEDAL.** PAMERAN INOVASI DAN PENYELIDIKAN 2016. UNIVERSITI MALAYSIA KELANTAN. MODELING. POSTER. MODELLING SPECIES DISTRIBUTION MODELS OF SELECTED GENUS OF ARACEAE IN KELANTAN.

AWARDS 2020

- [1] **GOLD MEDAL.** PAMERAN INOVASI DAN PENYELIDIKAN 2019 (Cri2019). UNIVERSITI MALAYSIA KELANTAN. Oil Palm Tree Detection and Counting using Drone Based Remote Sensing Images. Shaparas Daliman, Saidatul Asyikin Hashim, Nazahatul Anis Amaludin, Aweng Eh Rak.
- [2] **GOLD MEDAL.** PERLIS INTERNATIONAL ENGINEERING INVENTION & INNOVATION EXHIBITION (Pi-ENVEX) 2020. UNIVERSITI MALAYSIA PERLIS. Drone-based Remote Sensing Images for Smart Monitoring of Oil Palm Plantation. Shaparas Daliman, Saidatul Asyikin Hashim, Intan Noradybah Md Rodi, Nordiana Binti Abd Aziz, Nazahatul Anis Amaludin, Aweng Eh Rak.
- [3] **GOLD MEDAL.** NATIONAL INNOVATION AND INVENTION COMPETITION THROUGH EXHIBITION 2020 (iCompEx 2020). 24-26 March 2020. POLITEKNIK SULTAN ABDUL HALIM MU'ADZAM SHAH. Shaparas Daliman, Saidatul Asyikin Hashim, Intan Noradybah Md Rodi, Nordiana Binti Abd Aziz, Nazahatul Anis Amaludin, Aweng Eh Rak.
- [4] **BRONZE MEDAL.** TEACHING ENHANCEMENT & LEARNING INNOVATION CARNIVAL (e-TeLIC 2020). UNIVERSITI MALAYSIA KELANTAN. Muhammad Firdaus bin Abdul Karim, Nazahatul Anis Amaludin, Norashikin Fauzi, Aainaa Syazwani Mohamad Amir Hamzah, Shaparas Daliman, Kamarul Ariffin Kambali@Hambali, Noor Janatun Naim Jemali, Zulhazman Hamzah, Suganthi Appalasamy, Jayaraj Vijaya Kumaran.
- [5] **GOLD MEDAL.** INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION, MALAYSIA 2020 (ITEX 2020). Tea-4G. 20-21 Nov 2020. Zulhazman Hamzah, Mohammed Aurifullah, Zulhisyam Abdullah, Kns Salam Sirajudeen, Mohd Khairul Azhar Abdul Razab, Shaik Ibrahim Khalivullah, Mazlan Mohamed, Nazahatul Anis Amaludin.
- [6] **GOLD MEDAL.** PERTANDINGAN REKACIPTA 2020 (PEREKA 2020). Prediction of Urban Green Space Landscape Structure for Sustainable Planning. Amal Najihah Muhamad Nor, Aainaa Syazwani Mohamad Amir Hamzah, Muhamad Azahar Abas, Kamarul Ariffin Kambali@Hambali, Muhammad Firdaus Abdul Karim, Mohamad Faiz Mohd Amin, Nazahatul Anis Amaludin, Norfadhilah Ibrahim, Siti Aisyah Nawawi, Nor Hizami Hassin, Sharifah Aisyah Syed Omar, Nor Shahirul Umirah Idris.
- [7] **GOLD MEDAL.** VIRTUAL INTERNATIONAL RESEARCH AND INNOVATION SYMPOSIUM AND EXPOSITION 2020 (RISE 2020). Prediction of Urban Green Space Landscape Structure for Sustainable Planning. Amal Najihah Muhamad Nor, Muhamad Azahar Abas, Kamarul Ariffin Kambali@Hambali, Nazahatul Anis Amaludin.
- [8] **SILVER MEDAL.** VIRTUAL INTERNATIONAL RESEARCH AND INNOVATION SYMPOSIUM AND EXPOSITION 2020 (RISE 2020). Drone-based Remote Sensing Images for Smart Monitoring of Oil Palm Plantation. Shaparas Daliman, Intan Noradybah Md Rodi, Nordiana Binti Abd Aziz, Nazahatul Anis Amaludin, Aweng Eh Rak.

COMMUNITY SERVICES

- [1] Wilding Tree Species and Tree Planting Program with JPSM, MNS, PEKA & REACH (Series 1-5) February 2015 – May 2015 in Compartment 5, Gunung Siku Forest Reserve, Lojing, Cameron Highlands.
- [2] Recce Rafflesia in Lojing Highlands organised by Malaysian Nature Society (MNS) Kelantan Branch. 27-28 February 2016.
- [3] Gunung Reng Challenge (GRC2018). March 2018. Kelab Berbasikal Jeli. Volunteer.
- [4] Program Sambutan Hari Hutan Antarabangsa ke-48 & Hari Perancangan Bandar Sedunia Peringkat Negeri Kelantan 2019.

- [5] International Coastal Cleanup Day 2019. 21 September 2019. Pantai Kandis, Kelantan, Malaysia. Organised by Ocean Conservancy.
- [6] Volunteer for Jeli Ride Challenge 2019 (JRC2019). 30 March 2019. Jeli Kelantan.
- [7] Invited panel talk on the Radio ManisFM “Memperingati Hari Bumi Sedunia” 22 April 2021.

MEMBERSHIP

- [8] Member of Malaysian Nature Society (MNS). 1 May 2019 – 30 April 2022.
- [9] Ahli Kelab Penulis Muda Malaysia (KPMM) bagi 2021.

POSITION HOLD IN NON-GOVERNMENTAL ORGANISATION

- [1] Honorary Secretary of Malaysian Nature Society (MNS) Kelantan Branch 2014-2015.
- [2] Honorary Secretary of Malaysian Nature Society (MNS) Kelantan Branch 2015-2016.
- [3] Honorary Secretary of Malaysian Nature Society (MNS) Kelantan Branch 2016-2017.
- [4] Chairman of Malaysian Nature Society (MNS) Kelantan Branch 2019-2021.
- [5] Secretary II for Jeli Ride Challenge 2019 (JRC2019) in collaboration with IPD Cawangan Jeli.
- [6] Chairman of Malaysian Nature Society (MNS) Kelantan Branch 2021-2023.

CERTIFIED TRAINER

- [1] Certified of Content Creator of the Educator@Virtual learning Environment (Educator@VLE) Program organised by Department of Higher Education awarded on 31ST MARCH 2021.
- [2] Certified Trainer MSGA/TTT/25.0/245 graduated on 4 January 2021.