



CURRICULUM VITAE



I. PERSONAL PARTICULARS

Name	Nur Afiqah binti Rosly
Current Position Faculty / Department	Lecturer DS45 / Faculty of Defence Science and Technology

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

(Please list all academic qualifications, from your first degree, in chronological order)

Year	Degree	Discipline	University
2014	Bachelor	Maritime Technology	UPNM
2016	Master of Science	Geospatial and Mapping Sciences	University of Glasgow

III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)

No.	TITLES OF POSTGRADUATE THESES
1.	Performance Analysis of Different Multi-GNSS Combinations Processed by PPP Methods

IV. WORK EXPERIENCE (Please list your relevant experience in chronological order)

Year	Position	Organisation	Start and End Date
2015	HR Sea Administrator	AET Shipmanagement (M) Sdn. Bhd.	Feb - May
2015	Junior Lecturer	UPNM	June 15 - Nov 16
2016	Lecturer	UPNM	Dec 16 - Present

1.0 TEACHING AND SUPERVISION**1.1 First Degree Courses**

(Please list in chronological order and state: course title, semester and year)

No.	Course Title	Semester	Year
1.	Seamanship and Ship Technology	1	1
3.	Research Methodology	1	2
4.	Managing Sea Transport Operations	2	2
5.	Oceanography	3	2
6.	Marine Pollution	2	3
7.	Hydrography	2	3

1.2 Supervision (Postgraduate Research Project or Final Year Research Project)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main/Co-Supervision)	Status • Completed • Submitted • In Progress
1.	Muhammad Afiq bin Mohd Walid	Kesesuaian penggunaan Kamera Tahan Lasak Ketika Operasi Penggeledahan	2017/2018	Main	Completed
2.	Muhammad Firdaus bin Karim	Keberkesanan Kapal APMM dalam Menjalankan Operasi	2017/2018	Main	Completed

3.	Harizahtul Nadia binti Abdul Malik	Tahap Indeks Kualiti Air yang Memberi Kesan Kepada Terumbu Karang di Tanjung Tuan, Port Dickson	2017/2018	Main	Completed
4.	Nur Shafiq Aifa binti Shahrom	Tahap Indeks Kualiti Air Laut di Pelabuhan Tanjung Pelepas	2017/2018	Main	Completed
5.	Muhammad Amir Izzat bin Asri	Analysis of Methods Used by The Department of Environmental Malaysia to Reduce the Heavy Metals Pollution In Klang River	2020/2021	Main	Completed
6.	Fadhluhilmi bin Zulkefly	Threat Analysis of Illegal, Unreported and Unregulated (IUU) Fishing in Tok Bali	2020/2021	Main	Completed
7.	Muhammad Fazarul Fahmi bin Faizal	A Systematic Review on Heavy Metals Pollution in Sungai Juru	2020/2021	Main	Completed
8.	Muhammad Nor Syafiq bin Saleh	A Systematic Review on Application of Unmanned Aerial Vehicles (UAVs) On Mapping of Harmful Algal Blooms in Malaysia	2020/2021	Main	Completed
9.	Muhammad Asyraf bin Azizan	Analysis of Tourism Effect on Pulau Sembilan Ecosystems	2020/2021	Main	Completed
10.	Farul Irman bin Hairulnizam	Fire Safety Preparedness Among RMN Vessels	2020/2021	Main	Completed
11.	Ahmad Danial bin Mohd Nor Razali	Coral Reef Pollution in Pulau Perhentian	2021/2022	Main	Completed
12.	Iman Zulhakim bin Mohd Idris	The Needs of Introducing Bridge Simulator Training Programme for Oil Spill Preparedness and Response Teams in Malaysia	2021/2022	Main	Completed
13.	Mohamad Nazri bin Hairur Azmi	Marine Debris and Its Consequences to The Mother Turtle Nesting in Redang Island	2021/2022	Main	Completed
14.	Muhammad Firdaus bin Roslan	Performance Seafarers in Liferaft Handling Onboard Vessel	2021/2022	Main	Completed
15.	Muhammad Adam bin Muhamad Dzahir	A systematic Review on Application of UAV For Monitoring Water Quality	2021/2022	Main	Completed
16.	Muhammad Ikhwan Muizzuddin bin Yusoff	Analysis of Water Quality of Kim Kim River Before and During Rise of Pandemic	2021/2022	Main	Completed

17.	Nuruljannah binti Salem Kewaman	Awareness of Plastic Pollution Among the Secondary Students at Pulau Gaya, Sabah	2021/2022	Main	Completed
18.	Muhammad Haziq Naim bin Suhaini	The Bibliometric Analysis of Machine Learning Use in Detection of Phycocyanin Pigment	2022/2023	Main	Completed
19.	Muhammad Mustaqim bin Mustafa	Keberkesanan Latihan Industri Pegawai Kadet Laut di Kapal-kapal TLDM	2022/2023	Main	Completed

2.0 RESEARCH, PUBLICATION AND PRESENTATION

2.1 Research Projects

(Please list in chronological order and state: title, list of researchers, grant/year, source/amount and status)

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1.	Hydropedology: A Study of Synergy of Pedology and Hydrology in Malaysian Environment	Members	2016	RM 25, 000.00	Completed
2.	Marine Scientific Research at Mandidarah Island, Sabah, Malaysia	Members	2018	RM 1.6 million	Completed
3.	Bathymetric Mapping Changes Detection Using Autonomous Vehicles	Members	2019	RM5,000.00	Completed

2.2 Publications

2.2.1 Academic Journal

(Please list in chronological order and state: authors, year, title, publisher/journal, volume and number of pages (Please bold your name))

No.	Authors, year, title, publisher/journal, volume and number of pages (Please bold your name)	Type of Journal • ISI • SCOPUS • Peer-Reviewed
1.	Rahman, A., Muda, W., Rosly, A. , Azzeri, M., Isnan, S., Aziz, A., Muhamad, S., Ahmad, M., & Amir, M. (2018). In-Situ Current Speed Measurement and	SCOPUS

	Sediment Characteristics at UPM Lake. International Journal of Engineering & Technology, 7(4.29), 76-79. doi: http://dx.doi.org/10.14419/ijet.v7i4.29.21848	
2.	Isnan, S., Hardy, A., Hisan, W., Amir, M., Razali, M., Azzeri, M., Ahmad, M., R, Z., Rosly, A. , Rahman, A., Aziz, A., & Muhamad, S. (2018). The Influence of RTK GNSS Antenna Heights on Multipath Error. International Journal of Engineering & Technology, 7(4.29), 178-181. doi: http://dx.doi.org/10.14419/ijet.v7i4.29.21966	SCOPUS
3.	Muhamad, S., Amir, M., Razali, M., Sridewi, N., Aziz, A., Isnan, S., Rahman, A., & Rosly, A. (2018). Quality Evaluation of Treated Ballast Seawater for Potential Reuse. International Journal of Engineering & Technology, 7(4.29), 1-8. doi: http://dx.doi.org/10.14419/ijet.v7i4.29.21833	SCOPUS
4.	Zulkifly M.R., Tang J. W., Sarah I., Ainul A. R., Afiqah R. (2018). Leader of Character Framework for bachelor Degree in Maritime Technology Graduates. International Journal of Engineering & Technology, 7(4.29), 208-212. doi: http://dx.doi.org/10.14419/ijet.v7i4.29.26254	SCOPUS
5.	Sarah Isnan, Nur Hazimah Nordin, Ainul Rahman, Suresh Thanakodi, Afiqah Rosly , Adenen Aziz. (2020). Identification of Mangrove Area using Landsat Image in Kuala Selangor Nature Park. International Journal of Business and Technology Management, Vol.2, No. 4, 1-9. Available at: http://myjms.mohe.gov.my/index.php/ijbtm/article/view/11713	Peer-Reviewed
6.	Ainul Rahman, Sarah Isnan, Nur Hazimah, Adenen Aziz, Afiqah Rosly , Mohd Najib Abdul Ghani Yolhamid, Mohd Shukri Mohd Yusop. (2020). Study on the Impact of Heavy Metals Towards Sediment and Water Quality at Marin Lake. International Journal of Business and Technology Management, Vol.2, No. 4, 10-19. Available at: http://myjms.mohe.gov.my/index.php/ijbtm/article/view/11714	Peer-Reviewed
7.	Afiqah Rosly , Ainul Rahman, Sarah Isnan, Adenen Aziz, Mohamad Abu Ubaidah Amir, Nur Hazimah Nordin. (2021). Verification of RTKLIB and PPP Methods in Geomatics Application. International Journal of Advanced Research in Technology and Innovation, Vol. 3, No. 1, 50-57. Available at: http://myjms.mohe.gov.my/index.php/ijarti/article/view/12472	Peer-Reviewed
8.	Nur Syafiq Aifa Shahrom, M.N. Azzeri, Mohd Shukri Yusop, Mohd Norsyarizad Razali, Mohd Najib Bin Abdul Ghani Yolhamid, Ainul Rahman, Sarah Isnan, Afiqah Rosly and Mohd Arif Ahmad. (2021). Feasibility Study of Monsoons Effect to Wave Power for Wave Energy Converter in Sabah. Transactions on Maritime Science, Vol. 10, No. 2, 396-403. Available at: https://doi.org/10.7225/toms.v10.n02.w05	SCOPUS
9.	Sarah Isnan, Nur Hazimah Nordin, Ainul Rahman, Afiqah Rosly , Adenen Aziz, Zulkifly M. R., Abu Zarim, Muhammad Syafiq Bin Mohd Abu. (2021). Application of GIS: Maritime Accident Analysis in Malaysian Waters Using Kernel Density Function. Transactions on Maritime Science, Vol. 10, No. 2, 348-354. Available at: https://doi.org/10.7225/toms.v10.n02.004	SCOPUS
10.	Adenen Aziz, Mohamad Abu Ubaidah Amir, Roshamida A. J, Iqbal Shmsudheen, Elmi Shafik Mad Sariff, Ainul Rahman, Afiqah Rosly. (2022). Helicopter Ditching Incident Analysis: Classification of Risk Factor. Journal of Engineering Science and Technology, Vol. 18, No. 1.	SCOPUS

3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

3.1 Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award, Academic Assessor/ /Promotion Assessor (External), Visiting Professor/Fellowship, Editorial Board and other academic recognition.

No.	Academic Recognition	Year	Level	Awarding Body / Name of Institution
1.	Anugerah Akademik Cemerlang 2017 Kategori: Anugerah e-Pembelajaran	2017	University	UPNM
2.	Anugerah Akademik Cemerlang 2018 Kategori: Anugerah e-Pembelajaran	2018	University	UPNM

3.3 Service to the University

Service to the university such as Vice Chancellor/Deputy Vice Chancellor/Dean/Director, Deputy Dean/Deputy Director/Unit Coordinator/Hostel Warden, Programme Chairperson/ Assistant Warden/Fellow. Representing University in Sports and Other Non-Academic Activities. Professional/Academic Association (Committee Member).

(Please list in chronological order and state: position/membership and duration)

No.	Position/Membership	Duration
1.	Chartered Member of Institute of Logistics and Transport	2019 - Present
2.	Graduated Technologist	2022