





NOOR JANATUN NAIM BINTI JEMALI

Senior Lecturer, Faculty of Earth Science
Universiti Malaysia Kelantan

PERSONAL DETAILS

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LANGUAGE PROFICIENCY

Bahasa • English • Japanese
Fluent Fluent Good

ACADEMIC QUALIFICATION

Doctor of Philosophy (Ph.D) • 2012-2015
Forest Engineering
University of the Ryukyus, Okinawa, Japan.

Master of Science (MSc.) • 2009-2010
Forest and Nature Conservation
Wageningen Universiteit, the Netherlands.

Bachelor of Forestry Science (BForr.Sc.) • 2004-2009
Forest Production
Universiti Putra Malaysia, Malaysia.

WORKING EXPERIENCE

Senior Lecturer • 2015-recent
Universiti Malaysia Kelantan, Malaysia (UMK)

Lecturer • 2010-2015
Universiti Malaysia Kelantan, Malaysia (UMK)

Researcher & Teaching Assistant • 2011-2012
University of the Ryukyus, Okinawa Japan

Tutor • 2008-2010
Universiti Malaysia Kelantan, Malaysia (UMK)

Research Assistant • 2007-2008
Faculty of Human Ecology, Universiti Putra Malaysia (UPM)

Teaching Assistant • 2007-2008
Faculty of Forestry UPM (Forest Management)

RESEARCH INTEREST

Forestry- Forest Engineering
Related subject: forest resource management and conservation, forest operation, subtropical, tropical and coastal forest area, GIS mapping.

RESEARCH EXPERIENCE

2020-2021 Drone @school:bridging digital divides in enhancing STEM education for rural community.
2020-2021 Trend analysis of flood events and their relationship to extreme rainfall for flood mitigation.
2019-2022 Interaction of radial growth rate and site location on anatomical characteristics and wood properties of 10- and 40-year-old Sentang (*Azadirachta excelsa*) planted in the west and east coast of Peninsular

Malaysia

- 2019-2020** The effect of selective and clear logging on soil characteristics from humid tropical forests in Kelantan, Malaysia
- 2019-2020** Effect of Selective and Clear Logging on Soil Characteristics of Tropical Forest in Kelantan.
- 2017-2020** Assessing MODIS-EVI to estimate terrestrial ecosystem gross primary production of Different Land use Types in Kelantan.
- 2016-2017** Microclimate and Vegetation Edge Effect of Kelantan Forest.
- 2012-2015** Assessment scheme for forest zonation function and sustainable criteria of subtropical forest in Okinawa Island.
- 2009-2010** Mangrove's structural complexity and human disturbance; a case study of the Berau Delta, East Kalimantan, Indonesia.
- 2007-2008** Analysis of Mangrove Canopy Density Using NDVI Technique of Remote Sensing Imagery

RESEARCH GRANTS

	Research Project	Source	Total Funds	Begin Year	End Year
1	Integration of <i>Sesbania grandiflora</i> with selected food crops to improve fertility and productivity of BRIS soil (member)	FRGS	RM83,200.00	2015	2018
2	Edge Effect on Microclimate and Tree Characteristics in a Tropical Rainforest Fragmentation (Lead)	UMK	RM15,104.00	2016	2017
3	Assessing deforestation and its effect on land surface temperature using satellite data in Cameron Highland (member)	FRGS	RM78,200.00	2016	2018
4	Assessing Moderate Resolution Imaging Spectroradiometer (MODIS) enhanced vegetation index (EVI) to estimate terrestrial ecosystem gross primary production of Different Land use Types in Kelantan (Lead)	FRGS	RM82,200.00	2017	2020
5	Community role on river health: UMK-Global Environment Centre (Lead)	Industrial grant(GEC)	RM3,500.00	2018	2018
6	Go Green Community Project - German Embassy Microfund 2019 (member)	German Embassy	RM21,000.00	2019	2019
7	Effect of Selective and Clear Logging on Soil Characteristics of Tropical Forest in Kelantan(member)	UMK	RM10,000.00	2019	2020
8	Drone application for STEM education enhancement to underprivileged community	UMK	RM20,000.00	2020	2021
9	Program superfood spirulina: langkah lestari untuk mengatasi malnutrisi komuniti	Ministry of Finance	RM284,000.00	2019	2021

PROFESSIONAL MEMBER

- Malaysia Board of Technologist (MBOT)
- Institution of Geospatial and Remote Sensing (IGRSM)
- International Society of Mangrove Ecology (ISME)
- International Union of Forest Research Organization (IUFRO) [Division 3]
- International Forestry Student Association (IFSA)