



## Dr. Nuriah Abd Majid

Research fellow

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### Education

PhD. Geographical Information System (2016),  
Master of Geographical Information System (2013) and  
Bac.(Hons) of Geography (2010),  
Universiti Sains Malaysia, Pulau Pinang

### Research interests

Geographical Information system, urban geography, environment sustainability, spatial social sciences and urban Geohazard.

### About me

Nuriah's research focuses on geohazard and spatial modelling. Her recent research was application of GIS in trend of the spread of dengue in Bangi, Selangor. Since then, she has been actively involved in the research activities and lectures in field of environment and development. Research experience as research officer in the Mylab computerized flight planning system and processing project and the project of a Comprehensive Police relations system. In addition she involved as a cooperating researcher at Chiba University and Vision-Tech Tsukuba, Japan for research and development for reducing Geohazard Damage in Malaysia.

### Achievement

1. Collaboration with UK-NERC, USM, Chiba Univ.
2. Visiting cooperating researcher at Chiba University, Japan, Tsukuba, Japan (for Research and Development for reducing GeoHazard Damage in Malaysia caused by landslide and flood)
3. Member of Parlimetary consultancy(B40)
4. Member, National Technical Committee on Geoinformation/Geomatic Research
5. GIS course 2019

### Post graduate

1. Nur Fazreen Hamzah (MA) Analisis Geografi dan Struktur Pertumbuhan Penduduk Semenanjung Malaysia.(field sv)
2. Nurafiqah muhamad Nazi [MA]. sistem Pemantauan Pokok Berbahaya di Kampus Bangi.[co-sv]

future : Master and Phd from the world

Curent and future

- GIS for SDG

- international grant & student

### Grants

NEWTON/1/2018/TK01/UKM//2 (1st January 2019 - 31st Disember 2021)  
Integrated Modelling of Landslides Due to Hydrometeorological Impacts in Langat Basin, Peninsular Malaysia. (MEMBER)

FRGS/1/2018/SS07/USM/01/02 (1st January 2019 - 31st Disember 2020)  
Analisis Geografi dan Struktur Pertumbuhan Penduduk Semenanjung Malaysia.(MEMBER)

FRGS/1/2018/SS08/UKM/03/1 (1st January 2019 - 31st Disember 2020)  
Pemetaan Indeks Kemudahan Socio-ekonomi di Lembangan Sungai Kelantan. [MEMBER]

GGPM-2018-040 (15th August 2018 - 14th August 2020)  
Aplikasi GIS dalam tren rebakan wabak denggi di bandar berdayahuni Bangi, Selangor. [LEADER]

DPP-2018-008 (10th January 2018-9th January 2020)  
Aplikasi GIS dalam Pemetaan Indeks Kemudahan Penghidupan terhadap Bencana Banjir di Pahang.[MEMBER]

### Publication

1. Nuriah Abd Majid, Nurafiqah Muhamad Nazi and Ahmad Fariz Mohamed. (2018). Distribution and Spatial Pattern Analysis on Dengue Cases in Seremban District, Negeri Sembilan, Malaysia. Sustainability 11(13), 3572; <https://doi.org/10.3390/su11133572>
2. Nuriah Abd Majid & Ruslan Rainis (2018). Aplikasi Sistem Maklumat Geografi (GIS) Dan Analisis Diskriminan Dalam Pemodelan Kejadian Kegagalan Cerun Di Pulau Pinang, Malaysia. Sains Malaysiana (accepted)
3. Nuriah Abd Majid, Ruslan Rainis & Wan Mohd Muhyuddin Wan Ibrahim. (2018). Pemodelan Ruangan Pelbagai Jenis Kegagalan Cerun Menggunakan Rangkaian Saraf Buatan (ANN) Di Pulau Pinang, Malaysia. Jurnal Teknologi. Vol 80, No 4, 135-148.
4. Nuriah Abd Majid, Ruslan Rainis & Ahmad Fariz Mohamed. (2018). Spatial Analysis Of Development Pressure In The Langat Basin, Selangor, Malaysia. IOP Conference Series Earth and Environmental Science 169(1):012019, DOI: 10.1088/1755-1315/169/1/012019
5. Nuriah Abd Majid, Ruslan Rainis & Wan Mohd Muhyuddin. (2017). Pemodelan Ruangan pelbagai jenis Kegagalan cerun menggunakan kaedah nisbah kekerapan. Jurnal Geografi Vol. 5 No. 2 October 2017 ISSN 2289-4470/ EISSN 2482-2400.
6. Nuriah Abd Majid, Ruslan Rainis & Wan Mohd Muhyuddin Wan Ibrahim. (2017). Analisa Taburan dan Corak Ruangan Pelbagai Jenis Kegagalan cerun di Pulau Pinang, Malaysia. International Journal of Environment, Society and Space, 5(1), 1-15.
7. Nuriah Abd Majid & Ruslan Rainis. (2017). Aplikasi Analisa Diskriminan dalam Pemodelan kejadian kegagalan cerun di Pulau Pinang, Malaysia. Perancangan Kebangsaan Masyarakat Ruang dan Alam sekitar (MATRA) Universiti Sains Malaysia (23824-februari).
8. Nuriah Abd Majid & Ruslan Rainis (2017). Modeling of Urban Pressure to slope failure, Penang, Malaysia. International Conference on Sustainable Cities, Communities and Partnership for sustainable Development: Goal (SDGs). 5-7 October 2017, Kuala Lumpur Malaysia.
9. Nuriah Abd Majid, Ruslan Rainis & Wan Mohd Muhyuddin Wan Ibrahim. (2018). Analisa Taburan Ruangan Pelbagai Jenis Kegagalan cerun di Pulau Pinang, Malaysia. International Conference on Humanities (IC2018). School of Humanities, Universiti Sains Malaysia.
10. Nuriah Abd Majid & Wan Mohd Muhyuddin Wan Ibrahim (2015). Aplikasi GIS dalam Pemetaan Kegagalan Cerun, Pulau Pinang. Social Sciences Postgraduate International Seminar. Universiti Sains Malaysia.
11. Nuriah Abd Majid & Wan Mohd Muhyuddin Wan Ibrahim. (2015). Pemetaan Ruangan Kegagalan cerun di Pulau Pinang, Malaysia. Perancangan Kebangsaan Geografi & Alam Sekitar Kall ke 5: Pemangkin Transformasi Negara. 6 & 7 October 2015.
12. Nuriah binti Abd Majid & Wan Mohd Muhyuddin Wan Ibrahim. (2015). GIS In Studying Slope Failure In Penang: Challenge and Potential. International Conference on Development and Socio-Spatial Inequalities (ICDSI2015). Universiti Sains Malaysia, 19-20 August, 2015.
13. Nuriah Abd Majid & Wan Mohd Muhyuddin Wan Ibrahim. (2013). Pemetaan Zon Kebekutan Kegagalan Cerun di Pulau Pinang menggunakan Rangkaian Saraf Buatan (ANN). GEOGRAFIA. Malaysia Journal of Society and Space 9 Issue 1 (34- 47) 34 © 2013, ISSN 2160-2491.