

CURRICULUM VITAE



A. **PERSONAL DETAILS**

Name : Ts. Dr. Nuryazmeen Farhan Binti Haron
Office Address : Faculty of Civil Engineering, Universiti
Teknologi MARA, 40450 Shah Alam, Selangor,
Malaysia
Tel. : (+60) 019-974 8352
E-mail : nuryazmeen@uitm.edu.my /
neemzay@yahoo.com
Current position : Senior Lecturer

Google Scholar

<https://scholar.google.com/citations?user=4DIHVAsAAAAJ&hl=en&oi=a>



<https://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&staffid=Vmtab2QxVnRValpXVkJaT1IYcFDIRIV4YUc1TIZUbFNVRIF3UFE9PQ&dsff=Vmtab2QxVnRValpXVkJaT1IYcFDIRIV4YUc1TIZUbFNVRIF3UFE9PQ>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=56188732600>

B. **ACADEMIC QUALIFICATION**

Ph.D in Water Resources and Environmental Engineering (2018)
Universiti Teknologi MARA (UiTM), Malaysia

MEng (Civil-Hydraulics & Hydrology) (2009)
Universiti Teknologi Malaysia (UTM), Malaysia

BEng (Hons) Civil Engineering (2008)
Universiti Teknologi Malaysia (UTM), Malaysia

C. **PROFESSIONAL QUALIFICATION**

1. Graduate Engineer, Board of Engineers Malaysia (BEM)
2. Member, International Association of Innovation Professionals (IAOP)
3. Professional Technologist, Malaysia Board of Technologist (MBOT)

D. **AWARDS**

1. Gold, Kolora Meter: A Low Cost Water Quality Monitoring Device, Invention, Innovation & Design Exposition (IIDEX 2020), UiTM.

E. **PUBLICATION**

Journal

1. Zati, S., Nuryazmeen, F.H., Abd Jalil, H., Mohd Zaki, M.A., and Mohd Fauzi, M. (2019), Predicting the impact of climate change on water availability in Muda Reservoir, Kedah. Journal of Hydrology X. (Scopus & ISI Indexed) (In processing).
2. Nuryazmeen, F.H., and Tahir, W. (2016), Hydrodynamic and salinity intrusion model in Selangor River Estuary. ARPN Journal of Engineering and Applied Sciences.
3. Nuryazmeen, F.H., and Tahir, W. (2014), Physical model of estuarine salinity intrusion into rivers: A review. Adv. Mater. Res., vol. 905, pp. 348-352.
4. Nuryazmeen, F.H., and Tahir, W. (2014), Laboratory investigations on estuary salinity mixing: Preliminary analysis. Int. Journal Sci. Basic Appl. Res., vol. 13, no. 1, pp. 36-41.
5. Nuryazmeen, F.H., Tahir, W., and Koon, L.W. (2013), Extreme estuarine flooding leading to estuary transverse flow salinity intrusion. Int. Journal Civ. Environ. Eng. IJCEE-IJENS, vol. 13, no. 2, pp. 54-58.
6. Zulkiflee, I., Abd Latiff, A.A., Noor Baharim, H., Herni, H., Nurul Hana, M.K., and Nuryazmeen, F.H. (2009), Experimental investigation on behaviour of cross-flow thermal effluent discharge in free surface flow. Malaysian Journal of Civil Engineering, vol. 21, no. 1, pp. 82-97.

Conference and Proceedings

1. Ahmad, F.H.M, Jamal, M.H., Sam, A.R.M, and Nuryazmeen, F.H. (2020), Effective microorganisms composite scupper drain (EM-CSD) as a new revolution in drainage system: A preliminary study. (Scopus Indexed)

2. Ahmad, F.H.M, Jamal, M.H., Sam, A.R.M, and Nuryazmeen, F.H. (2020), Eco-Composite Porous Concrete Drainage Systems: An Alternative Mitigation for Urban Flood Management. (Scopus Indexed)
3. Nuryazmeen, F.H., and Tahir, W. (2016), Hydrodynamic and Salinity Intrusion Model in Selangor River Estuary, In: IOP Conference Series: Materials Science and Engineering, 136 (1). (Scopus Indexed)
4. Nuryazmeen, F.H., and Wardah, T. (2016), Salinity Velocity Pattern in Estuary Using PIV, In: Proceedings of the International Symposium on Flood Research and Management (ISFRAM 2015), Tahir, W., Abu Bakar, P.I.D.S.H., Wahid, M.A., Mohd Nasir, S.R., Lee, W.K., Eds. Springer Singapore, pp. 141–149. (Scopus Indexed)
5. Nuryazmeen, F.H., Wardah, T., Irma Noorazurah, M., Koon, L.W., Jazuri, A., and Natasya, A.S.A. (2015), Salinity Velocity Pattern in Estuary Using PIV, In: Proceedings of the International Symposium on Flood Research and Management (ISFRAM 2014), S. H. A. Bakar, W. Tahir, M. A. Wahid, S. R. M. Nasir, and R. Hassan, Eds. Springer Singapore, pp. 221–243. (Scopus Indexed)
6. Nuryazmeen, F.H., Tahir, W., and Mohamad, I. N. (2014), Potential of Estuary Transverse Flow Salinity Intrusion Due to Extreme Estuarine Flooding, In: InCIEC 2013, pp. 343–352. (Scopus Indexed)
7. Noor Baharim, H., Razali, I., Maznah, I. and Nuryazmeen, F.H. (2009), Numerical simulation of coastal pollution in Sungai Johor estuarine system, In: International Conference on Water Resources (ICWR 2009), Langkawi, Malaysia.
8. Noor Baharim, H., Nuryazmeen, F. H., and Maznah, I. (2009), Hydrodynamic and salinity transport model in an estuarine system, In: International Conference on Water Resources (ICWR 2009), Langkawi, Malaysia.

F. **Research Funding**

1. Idealised Estuary Salinity-Morphology Effect Characterisation For Various Rainfall Patterns, IIUM-UMP-UITM Collaboration Grant, MYR20,000.00, 2020-2022. (Project Leader)
2. Saltwater Intrusion Pattern in A Meandering River, UTMER, MYR30,000.00, 2019-2022. (Team Member)
3. Characterisation of estuarine convergence, RAGS, MYR 80,000.00, 2012-2014. (Team Member)
4. Experimental investigation on the behaviour of thermal effluent in free surface flow (MOHE FRGS), 2008. (Team Member)

G. Consultancy Works/ Professional Services

No.	Project/Course	Client	Year	Position
1.	Final Year Project & Postgraduate Poster Competition (FYPPPC)	Mediate Nexus and Nurture a Fast (MNNF) Network	2020	Jury
2.	Undergraduate Course (Research Methodology)	UiTM Shah Alam	2020	Senior Lecturer
3.	Undergraduate Course (Environmental Engineering & Sustainability)	UiTM Shah Alam	2020	Senior Lecturer
4.	Postgraduate Course (Erosion and Sedimentation)	UiTM Shah Alam	2020	Senior Lecturer
5.	Undergraduate Course (Eng. Hydraulics and Hydraulics Laboratory)	UiTM Shah Alam	2020	Senior Lecturer
6.	Undergraduate Course (Eng. Hydrology and Environmental Laboratory)	UiTM Shah Alam	2019	Part Time (PTFT) Lecturer
7.	PhD Student Supervision - Sediment Transport Study	UKM	2019	Co-Supervisor
8.	Hydrodynamic Model Using Delft3D	River Net Consulting Sdn Bhd	2019	Speaker
9.	Hydrodynamic Model Using InfoWorks ICM (River Modelling)	JPS	2019	Speaker
10.	Water resource study on Jeniang Transfer	JPS	2019	Modeller
11.	Enhancing & Ensuring Reliable & Robust Flood Plain Model (Topic: Gradually Varied Flow)	JPS	2018	Speaker
12.	Enhancing & Ensuring Reliable & Robust Flood Plain Model (Topic: PDM And ICM)	JPS	2018	Speaker
13.	Water resources study on Upper Sg. Muda Basin	NAHRIM	2018	Modeller
14.	Drainage Master Plan for Bagan Datuk	JPS	2018	Modeller
15.	Salinity modelling for Sg.	JPS	2018	Modeller

	Chukai (IRBM Kemaman)			
16.	Putrajaya-Bangi Expressway (PBE)	UKMPakarunding	2018	Modeller
17.	Bridge opening for road design, Parit, Perak	Private	2018	Modeller
18.	Industrial Talk	Politeknik Sabak Bernam	2018	Speaker
19.	Training on InfoWorks RS	JPS	2017	Speaker
20.	Guidelines on Integrated Lakes Basin Management Plan (ILBMP)	NAHRIM	2017	Member
21.	Laboratory Course (WRES)	UiTM	2013	Speaker
	Characterisation of estuarine convergence	UiTM	2012	Researcher
22.	Laboratory Course (WRES)	UiTM	2012	Speaker
23.	Experimental investigation on the behaviour of thermal effluent in free surface flow	UTM	2008	Researcher

H. **Area of Interest**

- Water resources & environmental engineering
- Hydrodynamic modelling
- Salinity intrusion
- Estuarine system
- Coastal engineering
- Computational fluid dynamic (CFD)
- Sediment transport
- Flood forecasting
- GIS
- Composite porous concrete (CPC) urban drainage system