

Mohd Sofiyan Sulaiman (PhD)

Researcher, educationalist, Civil Engineer, Hydrologist



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Education

2002 - 2006: Bachelor (Hons.) in Civil Engineering

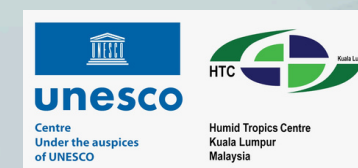
2006 - 2008: Msc in Water Resources (Civil Engineering)

2010 - 2015: PhD in Civil Engineering



<https://www.umt.edu.my>

Collaborators!!



Experience

2006 - 2014: Research Office at Water Resources Engineering & Management Research Centre

2014 - 2017: Lecturer at Infrastructure University Kuala Lumpur

2020 - 2021: Civil Engineer at Angkasa Consulting Services Sdn Bhd

2017- Now: Senior Lecturer at Universiti Malaysia Terengganu

Expertise

RIVER ENGINEERING

WATER RESOURCES

SEDIMENT TRANSPORT

EROSION

HYDROLOGICAL MODELLING

SEDIMENTATION

HYDRAULIC MODELLING

Award

2021 - The most active consultant by UMT Holdings Bhd

2022 - The most active young researcher by Faculty of Ocean Engineering Technology & Informatics, Universiti Malaysia Terengganu

2023 - The most active consultant by UMT Holdings Bhd

Selected Publications

Book: Sulaiman, M.S. (2017). Erosion and Its Effects. In Md Noh (Ed.), Water Management Curricula Using Ecohydrology and Integrated Water Resources Management (Vol. 2, pp. 30-48). Kuala Lumpur: The Regional Humid Tropics Hydrology and Water Resources Centre for Southeast Asia and the Pacific

Book: Sulaiman, M.S., Goh, E.G., Rasit, N., Wan Abdullah, W.A., Ali, A., Hamzah, S., Sukimin, R., Clarence J, C.C. and Nazir, N. (2021). Water Resources and Water Supply Awareness: A Guide to Fieldwork. Kuala Lumpur: Department of Irrigation and Drainage Malaysia.

Journal: Sinnakaudan, S.K., Sulaiman, M.S., Teoh, S.H. (2010). Total bed material load equation for high gradient rivers. Journal of Hydro-Environment Research, 4(3), pp.243-251

Journal: Sulaiman, M.S., Sinnakaudan, S.K., Ng, S.F., Strom, K. (2014). Application of automated grain sizing technique (AGS) for bed load samples at Rasil River: A case study for supply limited channel. Catena. 121. pp. 330-343.

Journal: Sulaiman, M.S., Azhari, N.N., Sinnakaudan, S.K. & Zainal Abidin, R. (2017). Behavioral of Sediment Transport at Lowland and Mountainous Rivers: A Special Reference to Selected Malaysian Rivers. Environmental Earth Sciences. 7(7): article number 300.

Journal: Sulaiman, M.S., Zainal Abidin, R. & Yusoff, N. (2017). Erosion Risk Assessment: A Case Study for Hulu Langat River. International Journal of Soil and Water Conservation Research. 5(1): 26-35.

Journal: Norin Khorn, Mohd Hasmadi Ismail, Siti Nurhidayu, Norizah Kamarudin & Mohd Sofiyan Sulaiman. (2022). Land use/land cover changes and its impact on runoff using SWAT model in the upper Prek Thnot watershed in Cambodia, Environ Earth Sci 81, 466 (2022). <https://doi.org/10.1007/s12665-022-10583-7>.

Selected Completed Projects

1. Behavioral of River Stability for Mountain Rivers in Malaysia
2. Impact of Climate Change to the River Flooding Assessed with the Erosion Risk Level and Spatial Landscape Structure at Kelantan River Basin
3. Developing an Early Warning System for Mitigating the Flood in the Upstream of Kelantan Basin near to Kota Bharu by using UAVS (unmanned aerial vehicles) Techniques)
4. Behavioural of Instream Sand Mining on Channel Erosion and Nick Point Migration
5. Water Resources Publication No. 22 – Water Balance Scope
6. Engagement on Sediment Management Plan at Jor and Ringlet Reservoir
7. IRBM Sungai Langat 2021 - 2025
8. Preparation of the Periodic Review Report for Tasik Chini Biosphere Reserve
9. Water Quality Target for Setiu River, Terengganu
10. Payment for Ecosystem (PES) for Selected Forest Reserve in Malaysia

