

CURRICULUM VITAE



A. **PERSONAL DETAILS**

1. Name : Siti Nurulhuda Mohd Imran
2. Date of Birth : 11.05.1981
3. Sex : Female
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<https://scholar.google.com/citations?user=JZoE6GwAAAAJ&hl=en>



<https://prisma.uitm.edu.my/prisma/?doit=DirectoryStafByIdDetail&staffid=Vmtaa2QxWnRWa1ZXVkZaT1YcEdWbFpHVWtKTIZUbFNVRIF3UFE9PQ&dsff=Vmtaa2QxWnRWa1ZXVkZaT1YcEdWbFpHVWtKTIZUbFNVRIF3UFE9PQ>

B. **BRIEF PERSONAL HISTORY**

Obtained an academic degree (B.Eng) in Civil Engineering from Universiti Tun Hussein Onn (UTHM) and master degree (M.Eng) in Civil Engineering (Environmental Management) from Universiti Teknologi Malaysia (UTM), Malaysia and currently pursuing Phd in Environmental Engineering (part-time) at Universiti Teknologi MARA (UiTM).

Currently worked as a lecturer in the field of Water Resources and Environmental System (WRES) at Universiti Teknologi MARA, Malaysia. Teaching and research interest includes:

- Environmental Engineering
- Water Quality and Engineering System
- Wastewater Engineering and Management
- Soil Engineering and Technology

C. ACADEMIC QUALIFICATION

No.	Name of Institution	Degree/Qualification	Date awarded
1.	Universiti Teknologi Malaysia, UTM Skudai	Master of Civil Engineering-Environmental Management (M.Eng.)	2007
2.	Universiti Tun Hussein Onn Malaysia, UTHM	Bachelor of Civil Engineering (B.Eng)	2005
3.	Universiti Tun Hussein Onn Malaysia, UTHM	Diploma of Civil Engineering with Education	2003

D. INVOLVEMENT IN PROFESSIONAL SOCIETIES

1. Registered with the Board of Engineers Malaysia (BEM)
2. Registered with Institute Engineer Malaysia (IEM)
3. Registered with Construction Industry Development Board Malaysia (CIDB)

E. INDUSTRIAL TRAINING

No.	Nama Jawatan(<i>Position</i>)	Tahun(<i>Year</i>)	Organisasi/Majikan (<i>Employer</i>)
1.	Senior Lecturer	2016-Current	Faculty of Civil Engineering, <i>Universiti Teknologi MARA, Shah Alam (UiTM)</i>
2.	Lecturer	2009-2016	Faculty of Civil Engineering, <i>Universiti Teknologi MARA, Shah Alam (UiTM)</i>
3.	Planning Engineer	2007-2009	Planning and Engineering Department (PED), <i>Indah Water Konsortium Sdn. Bhd. (IWK)</i>

F. AWARDS AND ACHIEVEMENTS

- 1) First Prize : Pertandingan Tesis Terbaik untuk Ijazah Sarjana Muda (Abdul Aziz Bin Nasir), World Water Day 2010, 2010
- 2) Consolation: Pertandingan Tesis Terbaik untuk Ijazah Sarjana Muda (Nurul Hidayah Adrianshah) World Water Day 2012
- 3) 2nd Award: IID 2013 UiTM Melaka, Greywater Reclamation Using Recycled Vertical Subsurface Constructed Wetland (RVFCW)
- 4) Gold Medal: University Category: FESTASI II 2016 UiTM, The Potential of Activated Carbon Derived from Rice Husk to Remove Heavy Metals in Wastewater
- 5) Silver Medal: IID 2016 UiTM Melaka (Professional Innovation Category), Vermicomposting by Eco-Bin.
- 6) Consolation Award: IID 2016, UiTM Melaka (Professional Innovation Category), The Application Of Solar Disinfection Harvested Rainwater For Potable Usage
- 7) Gold Medal: FESTASI 2016, Tanjung Karang Selangor (The Potential of Activated Carbon Derived from Rice Husk to Remove Heavy Metals in Wastewater)
- 8) Bronze Medal: IIDEX 2017 UiTM Shah Alam (Infused Activated Carbon in Greenhouse Removal)
- 9) Bronze medal: IIDEX 2017 UiTM Shah Alam (Potential of Sulfonated Polystyrene for Water Softening and De-ironing of Groundwater)
- 10) Bronze Medal: IIDEX 2018 UiTM Shah Alam (The Potential of Fruit Enzyme in Greywater Treatment)
- 11) Bronze Medal: IIDEX 2018 UiTM Shah Alam (Removal of Greywater Impurities using Floating Plant)
- 12) Silver Medal: ITEX 2019, KL Convention Centre, Malaysia (MOBLOOM: Microalgae- based Bio-fertilizer)
- 13) Bronze Medal: eCONDeV 2019, UiTM Shah Alam (MOOC: ECW445 – Environmental Engineering and Sustainability)

G. AREAS OF INTEREST

Environmental Engineering and Management, Wastewater Engineering, Water Quality Management and Soil Engineering and Technology.

H. RESEARCH

INDUSTRIAL RESEARCH FUNDING INCLUDING CONTRACT RESEARCH

	Research Project	Source	Total Funds	Begin Year	End Year
1	Consultancy Services for STP Optimisation	IWK	RM79,000	2009	2010
2	Consultancy Services IWK activities For GHGs (Greenhouse Gases)	IWK	RM155,000	2012	2013
3	Consultancy Services for IRA for Sabak Bernam and Kuala Selangor	LUAS	RM49,000	2012	2013
4	Consultancy Services on Hydrology Management	NAHRIM	RM7,000	2009	2010

INTERNATIONAL RESEARCH FUNDING INCLUDING CONTRACT RESEARCH

	Research Project	Source	Total Funds	Begin Year	End Year
1	Best Management Practices in Integrated Water Resources- Sustainable Campus	IHP- UNESCO & SKUM	RM20,000	2010	2011

RESEARCH PROJECT UiTM

	Research Project	Total Funds	Begin Year	End Year
1	A Pilot Study on the Water Losses in Universiti Teknologi MARA, Malaysia, distribution network.	RM8,000	2009	2011
2	<i>(RAGS) - A Protocol Tracing of Ganoderma Disease on Oil Palm Roots System</i>	RM70,000	2012	2015
3	(Lestari) – Mechanism Of Particle Removal System In Urban Stormwater Infrastructure For Development Of Urban Small Hydropower	RM20,000	2016	2018

PUBLICATIONS (*Only those indexed in IEEE/ISI/SCOPUS*)

Title of publication <i>Tajuk penerbitan</i>	Name of journals/books <i>Nama jurnal/buku</i>	Year published <i>Tahun diterbitkan</i>
Introduction to Sustainable Campus Initiatives	University Publication Centre (UPENA), UiTM Shah Alam. ISBN: 978-967-3632-26-8	2011
The Application Of Recycle Sub-Surface Horizontal Flow Constructed Wetland (RSSHFCW) With Intermittent Zeolite-Sand Filter In Greywater Treatment	Persidangan Kebangsaan Hidrologi & Alam Sekitar (HIDRAS 2010)	2010

Evaluation of Effluent Quality Surrounding Sri Gading Industrial Zone, Batu Pahat, Johor;	Persidangan AWAM 2007	2007
Effectiveness Of Burnt Oil Palm Shell Filter Media For The Removal Of Physical Contaminants In Water Treatment Process	International Conference on Agricultural and Food Engineering (CAFEi 2012)	2013
Greywater Reclamation using Recycled Vertical Subsurface Flow Constructed Wetland for Non-Potable Usage	International Civil and Infrastructure Engineering Conference (INCIEC 2013)	2014
Chemical Relationship On the Severity Level Of <i>Ganoderma</i> Disease On Oil Palm Tree System	International Conference on Civil and Environmental Engineering for Sustainability (ICONCEES 2017)	2018
Removal of Iron and Manganese in Groundwater using Biosorbent	International Conference on Civil and Environmental Engineering for Sustainability (ICONCEES 2017)	2018
The Potential of Limestone Modified Ricehusk and Sugarcane Bagasse in Wastewater Treatment	Conference of Green Technology and Sustainable Development (GTSD 2018)	2019