

CURRICULUM VITAE



Shaharuddin bin Mohd Sham, Ph.D
Senior Lecturer
Department of Environmental and
Occupational Health
Faculty of Medicine and Health Sciences
Universiti Putra Malaysia
43400 UPM Serdang, Selangor

T: 03-9769 2407
F: 03-8947 2395
Email: shaha@upm.edu.my
ORCID: 0000-0002-3603-0821
SCOPUS ID: 36115412200

Education

1. Bachelors of Fishery Sciences (Hons.)
2. Master of Environment
3. Doctor of Philosophy (Environmental Health)

Areas of Interest

1. Drinking water quality
2. Fluoride and fluoridation of drinking water
3. Nitrate in groundwater
4. Health risk assessment

Professional Qualification/ Membership/ Affiliation

1. Malaysian Water Association – member
2. International Water Association – member

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1. 23 Oct 2023 – 29 February 2024	Head, Department of Environmental and Occupational Health	
2. 01 January 2016 – now	Coordinator, Student and Alumni Affairs	

Publications

Journals (in 5 years)

1. **Shaharuddin MS**, Muhammad Azri MY, Mohd Akmal Asyiq Z (2019). **Nitrate concentration in groundwater: A cross-sectional study in three villages near paddy fields in Bachok district, Kelantan during the harvest season.** Asia Pacific Environmental and Occupational Health Journal, Vol 5(1): 6 – 11.
2. Vera Yulyani, Nurul Aryastuti, Dina Dwi Nuryani, Lolita Sary, **Shaharuddin MS** (2019). **Perilaku hidup bersih dan sehat di Panti Asuhan Al-Husna Bandar Lampung: Pengabdian masyarakat kerjasama dengan University Putera Malaysia.** Jurnal Kreativitas Pengabdian Kepada Masyarakat. Vol 2(1): 95-100.
3. Shaharuddin MS, Mohamad Azri MY, Mohd Akmal Asyiq Z, Muhammad Amirul Afif H (2019). **Nitrate Pollution in Groundwater: A Cross-sectional Study in Three Villages in Bachok**

District, Kelantan, Malaysia During the Paddy Preplanting Season. Malaysian Journal of Medicine and Health Sciences Vol 15 Supp 2: 71-74

4. Raja Adi Aiman RMM, Shaharuddin MS, Zaenal Abidin (2019). **Nitrate in groundwater and related health risk: A case study in a village in Bachok district, Kelantan, Malaysia.** Annals of Tropical Medicine & Public Health, Vol 22 (11): 492-497
5. Muhammad Faiz Afzal MZ , Shaharuddin MS , Zaenal Abidin (2020). **Nitrate in groundwater: determining associated health risk among residents in Tumpat, Kelantan using hazard quotient (HQ) calculation.** Asia Pacific Environmental and Occupational Health Journal, Vol 6(1): 25 – 30
6. Nik Muhamad Azraie Nik Yahaya, Shaharuddin Mohd Sham, Zaenal Abidin, Mochammad Sholehuddin (2020). **Association Between Nitrate Exposure in Groundwater and Its Health Risk Among Residents in Machang District, Kelantan.** Malaysian Journal of Medicine and Health Sciences Vol 16 Supp 11: 70-74
7. Yulyani V, Febriani C, Shaharuddin MS & Hermawan, D (2021). **Patterns and Determinants of Open Defecation among Urban People.** *Kesmas: Jurnal Kesehatan Masyarakat Nasional (National Public Health Journal)* Vol 16(1). doi:<http://dx.doi.org/10.21109/kesmas.v16i1.3295>
8. Mochammad Sholehuddin, R. Azizah, Arif Sumantri, Shaharuddin Mohd Sham, Zainul Amiruddin Zakaria, Mohd Talib Latif (2021). **Analysis of Heavy Metals (Cadmium, Chromium, Lead, Manganese, and Zinc) in Well Water in East Java Province, Indonesia.** Mal J Med Health Sci 17(2): 146-153.
9. Nur Al Amin Abdul Aziz & Shaharuddin Mohd Sham (2021). **Knowledge, attitude and practice towards water, sanitation and hygiene among street food vendors in Serdang, Selangor.** Asia Pacific Environmental and Occupational Health Journal, Vol 7(2): 1 – 12
10. Shaharuddin Mohd Sham, Noor Farhana Jalil, Fatin Nor Athirah Yahaya, Dalea Anuar, Khairumi Kasim, Zaenal Abidin, Vera Yulyani (2021). **Human Health Risk and Benefit from Fluoride Intake: A Systematic Review.** Full paper presented at The 8th International Conference on Public Health, Solo, Indonesia, November 17-18, 2021 | 263 <https://doi.org/10.26911/ICPHepidemiology.FP.08.2021.03>
11. Muhammad A. M. Yusof & S. Mohd Sham (2021). **Health Risk Associated with Nitrate Exposure from Groundwater Intake Among Respondents of Keting Village, Bachok District, Kelantan State, Malaysia.** Jurnal Profesi Kesehatan Masyarakat, 2(1) 73-80. DOI: 10.47575/jpkm.v2i1.209 ISSN (Online): 2774-8502
12. Tita Widya Arindayu, R. Azizah, Juliana Jalaludin, Arif Sumantri, Shaharuddin Mohd Sham, Lovetta Yatta Juanah, Ahmadi Ahmadi, Salsabila Al Firdausi (2021). **Model Of Community-led Total Sanitation Pillar One: Open Defecation Free In Sagulung Subdistrict, Batam City.** Jurnal Kesehatan Lingkungan/10.20473/jkl.v13i3.2021.151-158
13. Nur Ain Rahim, Shaharuddin Mohd Sham, Haliza Abdul Rahman (2022). **Knowledge, Attitude, and Awareness (KAA) Regarding Water, Sanitation, and Hygiene (WASH) Among Rural Residents in Kerian, Perak.** Mal J Med Health Sci 18(SUPP5): 38-44.
14. Diva Alishya Shafwah, Retno Adriyani, Eva Rosdiana Dewi, Corie Indria Prasasti, Shaharuddin Mohd Sham (2022). **Hubungan Perilaku dan Keluhan Penyakit Kulit pada Pengguna Pemandian Umum Bektiharjo, Tuban, Jawa Timur.** Jurnal Kesehatan Lingkungan Indonesia 21 (3), 2022, 245 – 252 DOI: 10.14710/ jkli.21.3.245-252

15. N. F. Jalil & S. M. Sham (2022). **Knowledge and Perception of Fluoridated Drinking Water Among Public in Kulaijaya, Johor.** Jurnal Profesi Kesehatan Masyarakat, 3(1) 69-81. DOI: 10.47575/jpkm.v3i1.292 ISSN (Online): 2774-8502
16. M, H. F., MS, S., & Yulyani, V. (2022). **Manganese (Mn) in Drinking Water From Gravity Feed System: A Literature Review.** Asian Journal of Medicine and Biomedicine, 6(S1), 28-30. <https://doi.org/10.37231/ajmb.2022.6.S1.513>
17. Fatin Nor Athirah Yahaya, Shaharuddin Mohd Sham, Vera Yulyani (2023). **Knowledge and Perception of Fluoride in Drinking Water among Residents of Precinct 9, Putrajaya, Malaysia.** Jurnal Sains Kesihatan Malaysia 21 (2) 177 – 188 DOI: <http://dx.doi.org/10.17576/JSKM-2023-2102-14>
18. Dalea Anuar, Shaharuddin Mohd Sham (2023). **Knowledge And Perception of Fluoride in Drinking Water Among The Population Of Subang Jaya, Selangor.** Asia Pacific Environmental and Occupational Health Journal (ISSN 2462 -2214), Vol 9 (1): 1-10.
19. Khairumi Kasim, Shaharuddin Mohd Sham, Zaenal Abidin (2023). **Fluoride in drinking water: A study on knowledge and perception among residents of Sungai Buloh prison quarters in Selangor.** Asia Pacific Environmental and Occupational Health Journal (ISSN 2462 -2214), Vol 9 (1): 11-26.
20. Farhah Nadiah Mokhtar, Retno Adriyani and Shaharuddin Mohd Sham (2023). Nitrate in Gravity Feed System (GFS) **Water and Health Risk Assessment in Orang Asli Village in Rembau, Negeri Sembilan.** Mal J Med Health Sci 19 (SUPP14): 1-7. doi:10.47836/mjmhs.19.s14.1
21. Muhammad Syakir Faizul and Shaharuddin Mohd Sham (2023). **Determination of Fluoride in Gravity Feed System Water and Health Risk Assessment of Exposure to Fluoride among Indigenous People in Sungai Mas, Pahang.** Mal J Med Health Sci 19(SUPP14): 30-35. doi:10.47836/mjmhs.19.s14.4

Conference Proceedings (in 5 years)

1. Raja Adi Aiman RMM, Shaharuddin MS and Zaenal Abidin (2019). **Nitrate in groundwater and related health risk: A case study in a village in Bachok district, Kelantan, Malaysia.** In the proceedings of the 3rd International Conference of Health Sciences 2019, organized by Universitas Jenderal Soedirman, Purwokerto, July 17 – 18 July, 2019.
2. Muhammad Afiq Zharfan, Shaharuddin, Zaenal Abidin (2020). **Health risk associated with nitrate exposure in groundwater among residents of Gong Manak village in Pasir Puteh district, Kelantan state, Malaysia.** In the proceedings of the 1st Virtual International Symposium on Health Sciences 2020, organized by Universitas Jenderal Soedirman, Purwokerto, Indonesia, September 22-23, 2020.
3. Siti Norsyahirah H*, Shaharuddin MS (2020). **Review on Knowledge, Attitude and Practice (KAP) About Water, Sanitation and Hygiene (WASH) and Its Relationship With Diarrhoea Among Children.** In the proceedings of the International Symposium of Environmental and Occupational Health 2020 (ISEOH2020), November 26-27, 2020
4. Nik Muhamad Azraie Nik Yahaya, Shaharuddin Mohd Sham*, Zaenal Abidin, Mochammad Sholehudin (2020). **Nitrate in Groundwater: A Study on Health Risk Among Residents in Three Villages In Machang District, Kelantan State, Malaysia.** In the proceedings of the

International Symposium of Environmental and Occupational Health 2020 (ISEOH2020), November 26-27, 2020

5. Wani Azizah AHK*, Shaharuddin MS (2020). **A Review of Water, Sanitation and Hygiene (WASH) and its Association With Typhoid Fever.** In the proceedings of the International Symposium of Environmental and Occupational Health 2020 (ISEOH2020), November 26-27, 2020
6. Nur Al Amin AA*, Shaharuddin MS (2020). **Knowledge, Attitude and Practice Towards Water, Sanitation and Hygiene Among Street Food Vendors: A Review.** In the proceedings of the International Symposium of Environmental and Occupational Health 2020 (ISEOH2020), November 26-27, 2020
7. Nur Ain R*, Shaharuddin MS (2020). **Knowledge, Attitude and Practice (KAP) on Water, Sanitation and Hygiene (WASH): A Review.** In the proceedings of the International Symposium of Environmental and Occupational Health 2020 (ISEOH2020), November 26-27, 2020
8. Zaenal Abidin, Dian Anisia*, Shaharuddin MS, Siti Musyarofah (2020). **Anxiety and Readiness Aspects of the Community in the Implementation of Adaptation of New Habits in the Covid-19 Pandemic.** In the proceedings of the International Symposium of Environmental and Occupational Health 2020 (ISEOH2020), November 26-27, 2020
9. Vera Yulyani*, Lolita Sary, Ritna Ningsih, Nurul Aryastuti, Vera Gunawan, Dina Dwi Nuryani, Shaharuddin MS (2020). **Knowledge, attitude and practice towards open defecation: A cross sectional study among the urban population in Bandar Lampung city, Indonesia.** In the proceedings of the International Symposium of Environmental and Occupational Health 2020 (ISEOH2020), November 26-27, 2020
10. Shaharuddin MS, Mohamad Azri MY, Mohd Akmal Asyiq Z, Muhammad Amirul Afif H, Raja Adi AimanRMM, Zaenal Abidin, Vera Yulyani & Mochammad Sholehuddin (2021). **Comparative Study on Groundwater Nitrate Pollution between Four Villages in Bachok District, Kelantan State, Malaysia.** In the Programme Book of the 33rd International Conference on Analytical Sciences (SKAM33), September 13 – 15, 2021
11. Wani Azizah Abdul Hadi Kamal & Shaharuddin Mohd Sham (2021). **Assessment of knowledge, attitude, and practice (KAP) towards water, sanitation, and hygiene (wash) among secondary school students in Petaling district, Selangor, Malaysia.** In The e-proceeding of the Regional Seminar Youth and Community Issues Series 2/2021, October 26 – 27, 2021
12. Shaharuddin Mohd Sham, Noor Farhana Jalil, Fatin Nor Athirah Yahaya, Dalea Anuar, Khairumi Kasim, Zaenal Abidin, Vera Yulyani (2021). **Human health risk and benefit from fluoride intake: a systematic review.** In the proceedings of The 8th International Conference on Public Health 2021 (ICPH 2021), November 17 – 18, 2021.
13. Haniah Fadiyah M, Shaharuddin MS, Vera Y (2022). **Manganese (Mn) from drinking water from gravity feed system: A literature review.** In the proceedings of Health Sciences Symposium 2022, 24 – 25 August 2022.
14. Fatin Nor Athirah Yahaya, Shaharuddin Mohd Sham and Vera Yulyani (2022). **Knowledge and Perception of Fluoride in Drinking Water Among Residents of Precinct 9, Putrajaya, Malaysia.** In the proceedings of the 13th International Symposium of Health Sciences, 24 – 25 August 2022.

15. Shaharuddin Mohd Sham, Muhammad Syakir Faizul & Siti Aisyah Mohd Ab Nasir (2022). **Good Posture, Good Health**. In the abstract book of PiCTL 2022, 25 – 28 October 2022. Organised by Centre for Academic Development (CADE), UPM.
16. Shaharuddin Mohd Sham & Muhammad Suhail Danial Muhamad Shah (2023). **Water Monitoring Day 2023**. In the abstract book of PiCTL 2023, 14 – 16 November 2023. Organised by Centre for Academic Development (CADE), UPM.

Books (If any)

Norhasmah S, Shamsul Azahari ZB and Shaharuddin MS. 2002. *Kesihatan dan Persekitaran (Health and the Environment)*. IDEAL, UPM. 2002.

Chapter in Books (If any)

-none-

Research Grants

Received 2020

-none-

On-going

-none-

Research Grants

No.	Project Title	Amount (RM)	Year	Source of Fund
1.	Skim Penyelidikan Pensyarah Lantikan Baru UPM	8,000	2001	UPM
2.	RUGS	23,000	2011	UPM
3.	UCTC KTGS Grant	35,000	2016	UPM
4.	UPM Putra Grant	48,210	2017	UPM

Awards/ Recognition (Current)

No.	Name of awards	Award Authority	Award Type	Year
1.	Anugerah Perkhidmatan Cemerlang	UPM	-	2015, 2019, 2022

Professional Services/ Consultation

No.	Year	Title	Authority
1.	2011 – 2020	Member, Board of Moderators, Diploma in Environmental Health (DIEH)	SEGI College, Kuala Lumpur
2.	2018 – now	Invited lecturer for general talk on health and water quality at Universitas Malahayati, STIKES BHM Madiun and UMMUBA	Universitas Malahayati, STIKES BHM Madiun and Universitas Muhammadiyah Muara Bungo, Indonesia

Student Supervision

PhD (Main Supervisor)

No.	Name	Title	Status
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- 1.
- 2.

3.

Master with Thesis (Main Supervisor)			
No.	Name	Title	Status

1.
2.
3.

Master without Thesis (Main Supervisor)			
No.	Name	Title	Status

1.
2.
3.

Attended Seminars/ Workshops/ Forums both National and International

No.	Year	Title	Organizers
1.	2020	7 th International Conference on Public Health (ICPH)	Universitas Negeri Solo, Indonesia
2.	2020	International Symposium on Environmental and Occupational Health 2020 (ISEOH 2020)	Universiti Putra Malaysia
3.	2021	33 rd International Conference on Analytical Sciences (SKAM33)	ANALIS & University of Malaya
4.	2021	Regional Seminar Youth and Community Issues Series 2/2021	IPSAS UPM
5.	2021	8 th International Conference on Public Health 2021 (ICPH 2021)	Universitas Negeri Solo, Indonesia
6.	2022	Health Sciences Symposium 2022 (HSS 2022)	USM, UNISZA & UPM
7.	2022	13 th International Symposium of Health Sciences 2022 (I-Sihat 2022)	UKM
8.	2022	PiCTL 2022	UPM
9.	2023	PiCTL 2023	UPM
10.	2023	5 th International Conference on Analytical Sciences 2023 (SKAM35)	ANALIS & UiTM
11.	2024	11 th International Conference on Public Health (ICPH 2024)	Universitas Negeri Solo, Indonesia

Intellectuals Property			
Patent Granted			
No.	Date	Patent No.	Name

1.
2.

Patent Field			
No.	Date	Patent No.	Name

1.
2.