

CURRICULUM VITAE



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Position: Associate Professor
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Occupational Health
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Education

1. Doctor of Philosophy (Environmental Science). Universiti Malaysia Sabah. 2008-2011
2. Master Of Science (MSc) by Research. Universiti Malaysia Sabah. 2005-2007
3. BSc (Hons) Environmental Science . Universiti Malaysia Sabah. 2002-2005

Areas of Interest

1. Microplastics
2. Emerging Contaminant
3. Environmental Contaminants
4. Health Risks
5. Environmental risks

Professional Qualification/ Membership/ Affiliation

1. Professional Membership, Society of Environmental Toxicology & Chemistry, MEM03798
2. Member, International Water Association - Membership number: 1026598
3. Secretary – Community Transformation Association through Research

Publications

Journals (in 5 years)

1. **Sarva Mangala Praveena***, Ahmad Zaharin Aris, Zailina Hashim, Jamal Hisham Hashim. 2023. Drinking water quality status in Malaysia: a scoping review of occurrence, human health exposure, and potential needs. Journal of Exposure Science & Environmental Epidemiology. (IF: 4.5, Q1)
2. **Sarva Mangala Praveena***, Muhammad Aiman Fahim Ishak Hisham & Ayu Lana Nafisyah. 2023. Microplastics pollution in agricultural farms soils: preliminary findings from tropical environment (Klang Valley, Malaysia). Environmental Monitoring and Assessment 195:650. (IF: 3.0, Q3)
3. **Sarva Mangala Praveena***, Nur Izzati Shamsul Ariffin & Ayu Lana Nafisyah. 2022. Microplastics in Malaysian bottled water brands: Occurrence and potential human exposure. Environmental Pollution 315. <https://doi.org/10.1016/j.envpol.2022.120494> (IF: 9.988, Q1)
4. **Sarva Mangala Praveena***, Ahmad Zaharin Aris, Veer Singh. 2022. Quality Assessment For Methodological Aspects Of Microplastics Analysis In Soil. Trends in Environmental Analytical Chemistry 34. <https://doi.org/10.1016/j.teac.2022.e00159> (IF: 9.600, Q1)

5. Shanmugam SD, **Praveena, S.M*** and Sarkar B. 2022. Quality assessment of research studies on microplastics in soils: A methodological perspective. Chemosphere 296. <https://doi.org/10.1016/j.chemosphere.2022.134026> (IF: 7.086, Q1)
6. **Praveena, S.M***, Aris, A.Z. 2021. The impacts of COVID-19 on the environmental sustainability: a perspective from the Southeast Asian region. Environmental Science and Pollution Research, <https://doi.org/10.1007/s11356-020-11774-0> (IF: 3.056, Q2)
7. **Sarva Mangala Praveena***, Melati Syahira Asmawi, Josephine Liew Ying Chyi. 2021. Microplastic emissions from household washing machines: preliminary findings from Greater Kuala Lumpur (Malaysia). Environmental Science and Pollution Research; 28: 18518–18522. doi: 10.1007/s11356-020-10795-z (Elsevier, ISI, IF: 3.056, Q2)
8. **Praveena, S.M.***, Mohd Rashid, M.Z., Mohd Nasir, F.A. et al. 2020. Occurrence, Human Health Risks, and Public Awareness Level of Pharmaceuticals in Tap Water from Putrajaya (Malaysia). Expo Health. <https://doi.org/10.1007/s12403-020-00364-7> (IF: 4.762, Q1)
9. **Praveena, S.M***, Rashid, M.Z.M., Nasir, F.A.M., Yee, W.S. & Aris, A.Z. 2019. Occurrence and potential human health risk of pharmaceutical residues in drinking water from Putrajaya (Malaysia). Ecotoxicology and Environmental Safety 180, 549-556 (IF: 3.974, Q1)
10. **Praveena, S.M.***, Cheema, M.S., Guo, H.-R. 2019. Non-nutritive artificial sweeteners as an emerging contaminant in environment: A global review and risks perspectives. Ecotoxicology and Environmental Safety 170: 699-707. (IF: 3.974, Q1)

Conference Proceedings (in 5 years)

1. **SM Praveena**, MS Asmawi, JLY Chyi. 2020. Microplastics occurrence from laundry water. International Conference of Microplastics - Fate and Impacts of Microplastics: Knowledge and Responsibilities. 23 – 27 November 2020. Lanzarote, Canary Island.
2. **Sarva Mangala Praveena***, Siti Norashikin Mohamad Shaifuddin, Syazwani Sukiman, Fauzan Adzima Mohd Nasir, Zanjabila Hanafi, Norizah Kamarudin, Tengku Hanidza Tengku Ismail and Ahmad Zaharin Aris. Global Perspective of Pharmaceutical Residues Occurrence In Drinking Water and Its Associated Potential Health Impact. 3rd International Conference on Bioresources, Energy, Environment and Materials Technology 2019. 12 – 15 June 2019. Hong Kong.
3. **Sarva Mangala Praveena***. 2019. Emerg Nano Filter: A Benign Option for Emergency Water Filter. 3rd International Conference on Climate Change 2019. Kuala Lumpur, Malaysia. 21 - 22 February 2019. Kuala Lumpur, Malaysia.
4. **Sarva Mangala Praveena*** & Siti Norashikin Mohamad Shaifuddin,. 2018. Identification Of Microbeads From Personal Care Products And Its Estimated Emissions: An Evidence From Malaysia. SEE (International Society of Environmental Epidemiology) Asia Chapter. 21 - 25 June 2018. Taipei, Taiwan.

Books (If any)

1. Sharifah Norkhadiah Syed Ismail, **Sarva Mangala Praveena**, Emilia Zainal Abidin and Irniza Rasdi. 2014. PhD dan Saya. Teguh Optimis Enterprise. ISBN 978-967-12680-0-1.

Chapter in Books (If any)

2. **Praveena, S.M***. and Aris, A.Z. 2020. Sorptive Properties of Microplastics Extracted from Cosmetics. In: Rocha-Santos T., Costa M., Mouneyrac C. (eds) Handbook of Microplastics in the Environment. Springer, Cham. https://doi.org/10.1007/978-3-030-10618-8_15-1.
3. **Praveena, S.M.***, Shamira, S.S., Aris, A.Z., 2018. Beach Sand Quality and Its Associated Health Effects of Port Dickson Beaches (Malaysia): An Analysis of Beach Management Framework, in: Botero, C.M., Cervantes, O., Finkl, C.W. (Eds.), Beach Management Tools - Concepts, Methodologies and Case Studies. Springer International Publishing, Cham, pp. 821–829. doi:10.1007/978-3-319-58304-4_41.
4. **Sarva Mangala Praveena***, Kwan Soo Chen and Sharifah Norkhadiah Syed Ismail (2015). New Methods to Assess Fecal Contamination in Beach Water Quality. Environmental Management and Governance: Advances in Coastal and Marine Resources. Charles W. Finkl, Christopher Makowski. Volume 8 of Coastal Research Library. Springer Verlag, New York. ISBN 978-3-319-06305-8.

No.	Project Title	Amount (RM)	Year	Source of Fund
1.	Identification method of microplastics in soil	RM 96,800	2019-2023	Fundamental Research Grant Scheme (Ministry of Higher Education of Malaysia)
2.	Human health risk assessment of active pharmaceutical ingredients in drinking water (Malaysia)	RM 101,000	2016 - 2019	Translational Research Grant Scheme (Ministry of Higher Education of Malaysia)
3.	Development of Low Cost Drinking Water Filter For Point-Of-Use Household Purification	RM 110 000	2016-2018	Prototype Research Grant Scheme (Ministry of Higher Education of Malaysia)
4.	Heavy Metal Exposure in Classroom Dust Among Primary Schools in Rawang (Selangor)	RM 20 000	2016-2018	Putra Graduate Initiative (IPS Grant) (Universiti Putra Malaysia)

Awards/ Recognition (Current)				
No.	Name of awards	Award Authority	Award Type	Year
1.	World Top 2% Scientist (Career Long)	Stanford University	Research	2023
2.	Water and Environment	KANS Mustafa(PBUH) Prize, Iran	Research Innovation	2018
3.	Young Scientist Award 2015 (Vice Chancellor Fellowship Award)	Universiti Putra Malaysia	Research	2016
4.	ProSPER.Net-Scopus Young Scientist Award (Water)	United Nations University, Japan	Research	2015

Student Supervision			
PhD (Main Supervisor)			
No.	Name	Title	Status
1.	Nurul Hafiza Binti Ab Razak	Toenail metal concentration as biomarker of exposure to heavy metal in drinking water of the Pasir Mas district, Malaysia.	Graduated
2.	Tan Sock Yin	Bioavailable Heavy Metal Concentration In Classroom Dust And Related Health Risk Assessment Of Primary School Children In Rawang, Malaysia.	Graduated
3.	Tien Yien Fang	Removal efficiency and potential risks of steroid estrogens in selected wastewater treatment plants in the Klang Valley, Malaysia	Graduated

Master with Thesis (Main Supervisor)			
No.	Name	Title	Status
1.	Noreen Adila Binti Omar	Assessment Of Biavailability And Exposure Risk Of Heavy Metal In Cooked Rice	Graduated
2	Nurul Syazani Binti Yuswir	Health Risk Assessment Using In Vitro Human Digestion Model In Assessing	Graduated



Bioavailability Of Heavy Metal In Urban
Soil

3. Fauzan Adzima Mohd Nasir Public Awareness Level And Occurrence Of Pharmaceutical Residues In Drinking Water With Potential Health Risk: A Study From Kajang (Malaysia) Graduated

Master without Thesis (Main Supervisor)			
No.	Name	Title	Status
1.	Satheeswaran Bin Dawadran	Heavy Metal Contamination In Drinking Water And Its Associated Health Risks In Negeri Sembilan.	Graduated

Intellectuals Property			
Patent Field			
No.	Date	Patent No.	Name
1.	15 December 2015	Filter Paper - PI 2015704571	Sarva Mangala Praveena , Zailina Hashim, Ahmad Zaharin Aris, Leslie Than Thian Lung, Karmegam Karuppiyah, Lim Suk Han
2.	28 June 2016	Industrial Design Water Filter - MY 16-00682-0101	Sarva Mangala Praveena , Leslie Than Thian Lung, Karmegam Karuppiyah