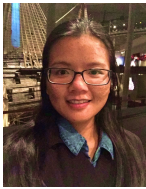


**CURRICULUM VITAE**



**Wong Hie Ling**  
 Senior Lecturer  
 Faculty of Earth Science,  
 Universiti Malaysia Kelantan (UMK)  
 +60 10-2720720, [hlwong@umk.edu.my](mailto:hlwong@umk.edu.my)

<b>LINKS</b>	Web of Science ResearcherID: T-8054-2019 ORCID iD: <a href="https://orcid.org/0000-0002-5580-0334">https://orcid.org/0000-0002-5580-0334</a>	
<b>PROFILE</b>	Experienced risk assessor in investigating occupational and environmental (resident) exposures to pesticides and associated health effects due to agricultural activities. Experienced in simulating different scenarios of pesticide exposure via non-dietary routes (dermal contact and respiratory inhalation), drawing on existing mathematical models/algorithms to predict level of exposure and then assessed against guideline values for potential pesticide-related health risk. Research focuses on major drivers of pesticide exposure in different settings to mitigating pesticide risk more effectively.	
<b>SKILLS</b>	Pesticide Risk Assessment Mathematical modelling	
<b>LANGUAGES</b>	English, Malay and Chinese	
<b>EDUCATION</b>		
Oct 2014 – Sep 2018	<b>PhD in Environmental Science, Department of Environment and Geography, University of York</b> PhD Title: Assessment of non-dietary, human exposure to pesticides PhD Supervisor: Prof. Colin Brown (University of York, UK) PhD Co-Supervisors: i. Dr Carmel Ramel (Fera Science Ltd., UK) ii. David Garthwaite (Fera Science Ltd., UK)	University of York, UK
Jul 2008 – Sep 2012	Bachelor of Applied Science (Natural Resource Science) with Honours, Faculty of Earth Science, Universiti Malaysia Kelantan (UMK)	UMK, Kelantan
<b>EMPLOYMENT HISTORY</b>		
Nov 2018 – Present	Senior Lecturer at Faculty of Earth Science, UMK	UMK, Kelantan
Dec 2013 – Oct 2018	Junior Lecturer at Faculty of Earth Science, UMK	
Sep 2013 – Nov 2013	Tutor at Pusat Bahasa Titian Jaya Sibul	Sibu, Sarawak
Nov 2012 – Aug 2013	Personal Executive at Megabig Enterprise Sdn Bhd.	
<b>AWARDS/HONOURS</b>		
Oct 2014 – Mar 2018	PhD Scholarship, Public Service Department (JPA)	University of York, UK
22 Sep 2016	Travel Bursary for Student Meeting for Society of Environmental Toxicology and Chemistry (SETAC) UK Branch	Oxford, UK
Sep 2012	Royal Award for Academic Excellent, UMK	UMK, Kelantan
2009 – 2012	Degree Scholarship, Public Service Department (JPA)	
<b>BIBLIOMETRICS</b>		
02 May 2021	<b>ISI (Web of Knowledge):</b> 4 articles, 11 citations; H-Index = 2	
	<b>Google:</b> 28 Citations; H-index = 3; i10-index = 1	
<b>PUBLICATIONS</b>		
	Original articles in peer review journals:	Q2

	<ol style="list-style-type: none"> <li>1. <u>Wong H.L.</u> and Brown C.D. (2020) Assessment of occupational exposure to pesticides applied in rice fields in developing countries: a critical review. International Journal of Environmental Science and Technology. <a href="https://doi.org/10.1007/s13762-020-02834-6">https://doi.org/10.1007/s13762-020-02834-6</a></li> <li>2. <u>Wong H.L.</u>, Garthwaite D.G., Ramwell C.T., Brown C.D. (2019). Assessment of occupational exposure to pesticide mixture with endocrine-disrupting activity. Environmental Science and Pollution Research 26:1642-1653</li> <li>3. <u>Wong H.L.</u>, Garthwaite D.G., Ramwell C.T., Brown C.D. (2018) Assessment of exposure of professional agricultural operators to pesticides. Science of the Total Environment 619-620:874-882</li> <li>4. <u>Wong H.L.</u>, Garthwaite D.G., Ramwell C.T., Brown C.D. (2017) How does exposure to pesticides vary in space and time for residents living near to treated orchards? Environmental Science Pollution Research 24:26444-26461</li> </ol>	<p>Q2</p> <p>Q1</p> <p>Q2</p>
<b>OTHER PUBLICATIONS</b>	<ol style="list-style-type: none"> <li>1. Faculty of Earth Science Bulletin (Jun-Dec 2020)</li> <li>2. Faculty of Earth Science Annual Report 2020</li> <li>3. Faculty of Earth Science Bulletin (Jan-Jun 2021)</li> </ol>	UMK, Kelantan
<b>INSTITUTIONAL ROLES</b>		
Jun 2020 – Present	Chief of Publishing Committee at the Faculty of Earth Science, UMK	UMK, Kelantan
Jun 2020 – Present	Committee Member of Research & Innovation at the Faculty of Earth Science, UMK	
Jan 2019 – Present	Employers' Representative for Department of Occupational Safety and Health at the Faculty of Earth Science	
May 2019 – May 2021	Committee Member of UMK Green Campus, UMK	
Jan 2019 – Jun 2020	Member of Publishing Committee at the Faculty of Earth Science	
<b>TEACHING ACTIVITIES</b>		
Oct 2021 – Jan 2022	Lectureship in "Environmental Risk Assessment"	UMK, Kelantan
Aug – Nov 2021	Lectureship in "Biology"	
Mac 2021 – July 2021	Lectureship in "Biodiversity" and "Microbiology"	
Sep 2020 – Jan 2021	Lectureship in "Environmental Risk Assessment"	
Feb 2020 – Jul 2020	Lectureship in "Biodiversity"	
Sep 2019 – Jan 2020	Lectureship in "Environmental Risk Assessment"	
Feb 2019 – Jun 2019	Lectureship in "Biodiversity" and "Energy and Natural Resources"	
<b>RESEARCH GRANTS</b>		
Oct 2020 – Nov 2021	Characterisation of Microplastic Pollution in Drinking Water Sources Using Physico-Chemical Analysis for Health Risk Assessment	FRGS FASA 1/2019
Nov 2020 – Oct 2021	Influence of Agricultural Practices on Small-scale Rice Farmers' Exposure to Pesticides in Kelantan	SUMK Fundamental Research Grant (UMK-FUND)
	Trends in Arrival Dates of Migrant Birds Throughout Climate Change in Pantai Sabak, Kelantan	
Feb 2020 – Feb	Influence of Forest Cover Change on Moisture Recycling in	

2022	Kelantan River Basin	
<b>SUPERVISION OF STUDENTS</b>		
Jan 2021 – Dec 2021	Undergraduate Project Full Supervision: Ani Husna Bt. Mohamad Ridzuan	UMK, Kelantan
Jan 2020 – Dec 2020	Undergraduate Project Full Supervision: Saiful Ikhwan B. Nor Arifin	
Jan 2019 – Dec 2020	Undergraduate Project Full Supervision: An Nurainee Bt. Jais, Nurin Dalila Bt. Mohd Shobri, and Nurul Najiah Bt. Norman	
<b>ORAL PRESENTATIONS</b>		
Jun 2021	Presenting a talk “Occupational exposure to pesticides applied among rice growers in Malaysia” at the 11 <sup>th</sup> Congress of Toxicology in Developing Countries (CTDC11)	Virtual Conference
20 Aug – 1 Sep 2017	Presented a talk “Development of a model to estimate airborne concentrations of pesticides downwind of treated fields” at York Conference: Pesticide Behaviour in Soils, Water and Air	York, UK
23 & 24 Mar 2017	Presented a talk “Assessment of occupational exposure of agricultural operators to pesticides” at PhD Student Conference, Department of Environment and Geography	University of York, UK
6 Sep 2016	Presented a talk “How does exposure to pesticides vary in space and time for residents living near to treated orchards?” at Fera Student Conference	Fera Science Ltd. (fera), UK
14 Jun 2016	Presented a talk “How does exposure to pesticides vary in space and time for residents living near to treated orchards?” at 10 <sup>th</sup> Meeting on Environmental Risk Assessment Research (28 <sup>th</sup> Fate Annual Technical Meeting)	York, UK
17 & 18 Mar 2016	Presented a talk “How does exposure to pesticides vary in space and time for residents living near to treated orchards?” at PhD Student Conference, Department of Environment and Geography	University of York, UK
<b>POSTER PRESENTATIONS</b>		
7 – 11 May 2017	Presented a poster “Assessment of exposure of professional agricultural operators to pesticides” at the SETAC Europe 27 <sup>th</sup> Annual Meeting	Brussels, Belgium
22 Sep 2016	Presented a poster “How does exposure to pesticides vary in space and time for residents living near to treated orchards? at the SETAC Student Meeting UK Branch	Oxford, UK
8 Sep 2015	Presented a poster “How does exposure to pesticides vary in space and time for residents living near to treated orchards? at Fera Student Conference	Fera Science Ltd. (fera), UK
16 & 17 Feb 2015	Presented a poster “How does exposure to pesticides vary in space and time for residents living near to treated orchards? at PhD Student Conference, Department of Environment and Geography	York, UK
<b>ATTENDED COURSES/MEETING</b>		
16 – 20 Aug 2021	9 <sup>th</sup> BfR-Summer Academy 2021 – Lecture Series, Bundesinstitut für Risikobewertung, Germany	Virtual Courses
16 – 19 Mac 2021	ASM-AAAS-TWAS Regional Course on Science Diplomacy	Virtual Courses
18 Sep 2019	Certified Peer Reivewer Course ELSEVIER	Researcher Academy
26 – 29 Sep 2017	Attended MSc course on “Novel Methods and Approaches in Health Risk Assessment” at Department of Environmental Medicine, Karolinska Institutet	Stockolm, Sweden
2015/2016	Attended the SETAC Europe 25 <sup>th</sup> Annual Meeting	Barcelona, Spain
2014/2015	Attended MSc modules on “Ecotoxicology”, “Pollution Control	University of

	and Waste Management” and “Tools for Environmental Assessment” at Department of Environment and Geography	York, UK
<b>ACTIVITIES ORGANISATIONS</b>		
22 – 23 Oct 2021	Organising Committee for the International Geological Mapping Symposium 2021	UMK, Kelantan
25 Sept 2021	Webinar “Fun Learning with Biology”	NSA Kelantan Chapter
14 – 15 Jul 2021	Organising Committee for the 3 <sup>rd</sup> International Conference on Tropical Resources and Sustainable Sciences (CTReSS 3.0)	UMK, Kelantan
14 Mac 2021	Organising Committee for the Lab Manual Workshop for the Science Preparatory Department, UMK	
7 Nov 2020	Organising Committee CIDB Green Card Training for UMK Students	
27 Oct – 5 Nov 2020	Webinar of “Knowledge and Experience Sharing by Industrial Practitioner”	
10 – 11 Aug 2020	Organising Committee for Conference on Tropical Resources and Sustainable Sciences (CTReSS 2.0)	
16 – 18 Dec 2019	Organising Committee for Final Year Project Colloquium 2019	
29 Mar – 2 Apr 2019	Director for Programme “Environmental Week 2019”	
4 Mar 2019	Organising Committee for Workshop “Prime Safety In Wilderness”	
18 – 20 Dec 2018	Organising Committee for Final Year Project Colloquium 2018	York, UK
30 Aug – 1 Sep 2017	Organising Committee for York Conference 2017: Pesticide Behaviour in Soils, Water and Air	
<b>EXTERNAL CONTRIBUTIONS</b>		
Apr 2021 – Mac 2023	Committee Member of the National STEM Association Kelantan Chapter	National STEM Association Kelantan Chapter
Apr 2021 – Dec 2021	Consultant and Facilitator of the STEM Mini Theater Programme, Kelantan Chapter	
Aug – Oct 2020	Organising committee of the “Fun with science – exploring STEM through creativity and innovation” during National Science Week 2020	Yayasan Hijau Malaysia