CURRICULUM VITAE

1. PERSONAL INFORMATION

Full Name	**: WAN ADIBAH BINTI WAN MAHARI**
Identification No.	: 890910-11-5454
Date of Birth	: 10 September 1989
Present Position	: Post Doctoral
Affiliation	: Institute of Tropical Aquaculture & Fisheries (AKUATROP), Universiti Malaysia Terengganu.
Office Address	: Institute of Tropical Aquaculture & Fisheries, Universiti Malaysia Terengganu, 21030 Kuala Nerus, Terengganu, Malaysia.
Phone Number	: +6013 - 9386334
E-Mail Address	: wan.adibah@umt.edu.my ; adibah.mahari@gmail.com
Website	: http://pyrolysis-technology.com/
Main Field	: Chemical and Environmental Technology
Sub Field	: Green Technology, Microwave Pyrolysis, Waste & Biomass Recovery, Renewable Energy, Biofuel, Biochar, Thermochemical Process Technology

2. ACADEMIC QUALIFICATIONS

Degree	Year	Graduating Institution	Field
PhD	2016-2019	Universiti Malaysia Terengganu	**Chemical Technology** - Completed within the timeframe of Graduate On Time (GOT)
MSc	2013-2015	Universiti Malaysia Terengganu	**Chemical Technology** - Completed within the timeframe of Graduate On Time (GOT)
BTech	2008-2012	Universiti Malaysia Terengganu	**Environmental Technology**

3. PROFESSIONAL MEMBERSHIP

- **Graduate Technologist** from Malaysia Board of Technologists (GT19010353)

4. RESEARCH AND INNOVATION

(A) Publications

- **18 papers in indexed journals, 2 conference proceeding papers**
- **Scopus – H-index: 12, Total citation: 564**

Wan Mahari, W.A. as First Author/Co-First Author*

1. Ge, S., Yek, P.N.Y., Cheng, Y.W., Xia, C., **Wan Mahari, W.A.,** Liew, R.K., Peng, W., Yuan, T.-Q., Tabatabaei, M., Aghbashlo, M., Sonne, C., Lam, S.S. 2021. Progress in microwave pyrolysis conversion of agricultural waste to value-added biofuels: A batch to continuous approach. *Renewable and Sustainable Energy Reviews*, 135, 110148. **(IF 12.110). Q1**, **SCI. Citation: 7**

2. Meng, X., Fan, W., **Wan Mahari, W.A.***, Ge, S., Xia, C., Wu, F., Han, L., Wang, S., Zhang, M., Hu, Z., Ma, N.L., Van Le, Q., Lam, S.S. 2021. Production of three-dimensional fiber needle-punching composites from denim waste for utilization as furniture materials. *Journal of Cleaner Production*, 281, 125321. **(IF 7.246). Q1, SCI**

3. Ren, T., Chen, N., **Wan Mahari, W.A.***, Xu, C., Feng, H., Ji, X., Yin, Q., Chen, P., Zhu, S., Liu, H., Liu, G., Li, L., Lam, S.S. 2021. Biochar for cadmium pollution mitigation and stress resistance in tobacco growth. *Environmental Research*, 192. **(IF 5.715). Q1, SCI**

4. **Wan Mahari, W.A.***, Peng, W., Nam, W.L., Yang, H., Lee, X.Y., Lee, Y.K., Liew, R.K., Ma, N.L., Mohammad, A., Sonne, C., Van Le, Q., Show, P.L., Chen, W.-H., Lam, S.S. 2020. A review on valorization of oyster mushroom and waste generated in the mushroom cultivation industry. *Journal of Hazardous Materials*, 400, 123156. **(IF 9.038). Q1, SCI. Citation: 3**

5. **Wan Mahari, W.A.***, Azwar, E., Li, Y., Wang, Y., Peng, W., Ma, N.L., Yang, H., Rinklebe, J., Lam, S.S., Sonne, C. (2020). Deforestation of rainforests requires active use of UN's Sustainable Development Goals. *Science of The Total Environment*, 140681. (Article in press). **(IF 6.551). Q1, SCI**

6. **Wan Mahari, W.A.***, Nam, W.L., Sonne, C., Peng, W., Phang, X.Y., Liew, R.K., Yek, P.N.Y., Lee, X.Y., Wen, O.W., Show, P.L., Chen, W.H., Chang, J.S., Lam, S.S. (2020). Applying microwave vacuum pyrolysis to design moisture retention and pH neutralizing palm kernel shell biochar for mushroom production. *Bioresource Technology*, 312, 123572. (**IF 7.539). Q1, SCI. Citation: 4**

7. Ge, S., Foong, S.Y., Ma, N.L., Liew, R.K., **Wan Mahari, W.A.***, Xia, C., Yek, P.N.Y., Peng, W., Nam, W.L., Lim, X.Y., Liew, C.M., Chong, C.C., Sonne, C., Lam, S.S. (2020). Vacuum pyrolysis incorporating microwave heating and base mixture modification: An integrated approach to transform biowaste into eco-friendly bioenergy products. *Renewable and Sustainable Energy Reviews*, 127, 109871. **(IF 12.110). Q1, SCI. Citation: 19**

8. Yek, P.N.Y., Peng, W., Wong, C.C., Liew, R.K., Ho, Y.L., **Wan Mahari, W.A.,** Azwar, E., Yuan, T.Q., Tabatabaei, M., Aghbashlo, M., Sonne, C., Lam, S.S. (2020). Engineered biochar via microwave CO_2 and steam pyrolysis to treat carcinogenic Congo red dye. Journal of Hazardous Materials, 395, 122636. **(IF 9.038). Q1, SCI. Citation: 27**

9. Foong, S.Y., Liew, R.K., Yang, Y., Cheng, Y.W., Yek, P.N.Y., **Wan Mahari, W.A**., Lee, X.Y., Han, C.S., Vo, D.-V.N., Van Le, Q., Aghbashlo, M., Tabatabaei, M., Sonne, C., Peng, W., Lam, S.S. 2020. Valorization of biomass waste to engineered activated biochar by microwave pyrolysis: Progress, challenges, and future directions. *Chemical Engineering Journal*, 389, 124401. **(IF 10.652). Q1, SCI. Citation: 70**

10. Lam, S.S., **Wan Mahari, W.A.***, Ok, Y.S., Peng, W., Chong, C.T., Ma, N.L., Chase, H.A., Liu, Z., Yusup, S., Kwon, E.E., Tsang, D.C.W. 2019. Microwave vacuum pyrolysis of waste plastic and used cooking oil for simultaneous waste reduction and sustainable energy conversion: Recovery of cleaner liquid fuel and techno-economic analysis. *Renewable and Sustainable Energy Reviews*, 115, 109359. **(IF 12.110). Q1, SCI. Citation: 51**

11. Lam, S.S., **Wan Mahari, W.A.***, Ma, N.L., Azwar, E., Kwon, E.E., Peng, W., Chong, C.T., Liu, Z. and Park, Y.K., 2019. Microwave pyrolysis valorization of used baby diaper. *Chemosphere*, 230, 294-302. **(IF 5.778). Q1, SCI. Citation: 28**

12. Wan Mahari, W.A.*, Chong, C. T., Cheng, C. K., Lee, C. L., Hendrata, K., Yek, P. N. Y., Ma, N.L., Lam, S. S. 2018. Production of value-added liquid fuel via microwave co-pyrolysis of used frying oil and plastic waste. *Energy*, 162, 309-317. **(IF 6.082). Q1, SCI. Citation: 54**

13. **Wan Mahari, W.A.***, Chong, C. T., Lam, W. H., Anuar, T. N. S. T., Ma, N. L., Ibrahim, M. D., Lam, S. S. (2018). Microwave co-pyrolysis of waste polyolefins and waste cooking oil: Influence of N2 atmosphere versus vacuum environment. *Energy Conversion and Management*, 171, 1292-1301. **(IF 8.208). Q1, SCI. Citation: 53**

14. Azwar, E., **Wan Mahari, W.A.**, Chuah, J. H., Vo, D. V. N., Ma, N. L., Lam, W. H., Lam, S. S. (2018). Transformation of biomass into carbon nanofiber for supercapacitor application–A review. *International Journal of Hydrogen Energy*, 43(45), 20811-20821. **(IF 4.939). Q1, SCI. Citation: 53**

15. **Wan Mahari, W.A.***, Zainuddin, N. F., Chong, C. T., Lee, C. L., Lam, W. H., Poh, S. C., Lam, S. S.*. (2017). Conversion of waste shipping oil into diesel-like oil via microwave-

assisted pyrolysis. *Journal of Environmental Chemical Engineering*, 5(6), 5836-5842. **(IF 4.300). Q1, SCI. Citation: 20**

16. Lam, S. S., **Wan Mahari, W.A.**, Jusoh, A., Chong, C.T., Lee, C.L., Chase, H.A. (2017). Pyrolysis using microwave absorbents as reaction bed: an improved approach to transform used frying oil into biofuel product with desirable properties. *Journal of Cleaner Production*, 147, 263-272. **(IF 7.246). Q1, SCI. Citation: 64**

17. **Wan Mahari, W.A.***, Zainuddin, N. F., Wan Nik, W. M. N., Chong, C. T., Lam, S. S. (2016). Pyrolysis Recovery of Waste Shipping Oil Using Microwave Heating. *Energies*. 9(10). 780. **(IF 2.702). Q2, SCI. Citation: 39**

18. Lam, S. S., **Wan Mahari, W.A.**, Cheng, C. K., Omar, R., Chong C.T., Chase, H. A. (2016). Recovery of diesel-like fuel from waste palm oil by pyrolysis using a microwave heated bed of activated carbon. *Energy*, 115, 791-799. **(IF 6.082). Q1, SCI. Citation: 72**

(B) Proceeding of Conference

1**. Wan Mahari, W. A.,** Cheng, C.K., Lam, S.S. (2017). Microwave co-pyrolysis of waste cooking oil and polystyrene-based plastic waste. **Published by University of Moribor Press, Slovenia**. 10th International Conference on Sustainable Energy & Environmental Protection. Bled, Slovenia, June 27th – 30th, 2017. ISBN: 978-961-286-061-5.
(DOI: 10.18690/978-961-286-061-5.8)
2. **Wan Mahari, W. A.,** Zainuddin, N. F., Ma, N. L., Lam, S.S. (2017). Production of diesel-like oil as potential fuel from microwave-assisted pyrolysis of waste shipping oil. **Published by University of Moribor Press, Slovenia**. 10th International Conference on Sustainable Energy & Environmental Protection. Bled, Slovenia, June 27th – 30th, 2017. ISBN 978-961-286-063-9. (DOI: 10.18690/978-961-286-063-9.3)

(C) Awards in Academic/Professional Field

No	Name of Award/ Recognition	Awarding Institution	Year Awarded
International			
1.	**Gold Award** PECIPTA 2019 (International Conference & Exposition on Inventions by Institutions of Higher Learning)	Ministry of Higher Education Product: MVS – An Integrated Microwave Vacuum System for use in Drying, Desalination and Waste-to-Wealth Application	2019
2.	**Gold Award** ITEX 2018 (29th International Invention, Innovation &	Malaysian Invention and Design Society; Ministry of Science, Technology & Innovation	2018

	Technology Exhibition 2018)	Product: Microwave Pyrolysis – An Innovative Approach to Produce Bio-Carbon-Fiber (BCF) from Biomass Waste For Use in Energy Storage Application	
3.	**Gold Award** PECIPTA 2017 (International Conference & Exposition on Inventions by Institutions of Higher Learning)	Ministry of Higher Education Product: PYRO-FUEL: A Desirable Biofuel Derived from Microwave Pyrolysis of Biomass Waste	2017
4.	**Silver Award** 1st International Malaysia-Indonesia-Thailand Symposium on Innovation & Creativity	Universiti Teknologi MARA Product: PYRO-FUEL: A Desirable Biofuel Derived from Microwave Pyrolysis of Used Frying Oil	2017
5.	**Grand Prize Award**, SIIF 2016 (Seoul International Invention Fair)	Korean Invention Promotion Association Product: Mic-Pyro – An Innovative Microwave Pyrolyzer To Transform Waste Oil Into Fuel Products With Improved Properties	2016
6.	**Excellence & Honor of The Invention** by Agri-Tech Green Foundation during SIIF 2016	Korean Invention Promotion Association	2016
7.	**Gold Award**, ITEX 2016 (27th International Invention, Innovation & Technology Exhibition)	Malaysian Invention and Design Society; Ministry of Science, Technology & Innovation Product: Mic-Pyro: A Microwave Pyrolyzer to Recover Diesel-Like Fuel From Waste Palm Oil	2016
8.	**Bronze Medal Award**, PECIPTA 2015	Ministry of Higher Education Product: Mic-Pyro: An Innovative Pyrolysis System to Convert Waste Oil to Diesel-Like Fuel	2015

Local			
9.	**Gold Medal Award** Week of Research and Innovation 2020 (MPI'20)	TATI University College Product: MiCoPyro: An Innovative Approach for Simultaneous Valorization of Used Cooking Oil and Medical Plastic Waste for use as Bioplastics	2020
10.	**Silver Medal Award** Week of Research and Innovation 2020 (MPI'20)	TATI University College Product: Microwave Vacuum Pyrolysis of Waste Furniture to Produce Value-Added Products	2020
11.	**Vice Chancellor Champion Trophy** in Student Research Day@UMT 2019	Universiti Malaysia Terengganu Project: Microwave Pyrolysis: An Innovative Microwave Pyrolyzer To Transform Waste Into Fuel	2019
12.	**PhD Best Project (Category Engineering & Technology)** in Student Research Day@UMT 2019	University Malaysia Terengganu Project: Microwave Pyrolysis: An Innovative Microwave Pyrolyzer To Transform Waste Into Fuel	2019
13.	**Gold Medal Award** Week of Research and Innovation 2017 (MPI'17)	Universiti Sultan Zainal Abidin, Universiti Malaysia Terengganu, TATI University College & Centre for Science & Creativity Terengganu Product: PYRO-FUEL: A Desirable Biofuel derived from Microwave Pyrolysis of Used Frying Oil.	2017
14.	**Gold Medal Award**, Innovation UMT 2015	Universiti Malaysia Terengganu Product: Pyrolysis Using Microwave Heating: A Promising Approach To Convert Waste Oils To Potential Fuel Products.	2015

Achievements/Scholarships			
15.	**AKEPT Young Scholar**	Selected and included as 25 successful applicants of the AKEPT Young Scholar by Young Scientist Network (YSN-ASM) and Higher Education Leadership Academy (AKEPT); selected from 500 applicants.	2016-2017
16.	**UMT Scholarship**	Universiti Malaysia Terengganu	2016-2019
17.	**MyBrain Scholarship** (MyMaster)	Ministry of Higher Education	2013-2015
18.	**Dean List Award** (Semester December 2010-2011)	Universiti Malaysia Terengganu	2011
19.	**Dean List Award** (Semester II Session 2011/2012)	Universiti Malaysia Terengganu	2012

5. RESEARCH GRANTS (as co-researcher)

a. International Partner Research Grant with Henan Mingbo New Energy Technology Co., Ltd (HMNET), CHINA
Title: Development of innovative technology for waste/biomass conversion into value-added products applicable for aquaculture biorefinery and waste treatment (RM150,000), Nov 2020-May 2023

b. Matching Grant with Universiti Teknologi PETRONAS, Universiti Malaysia Pahang, Universiti Malaysia Terengganu and University College of Technology Sarawak
Title: Fundamental Augmentation of Oil Palm Waste Values via Biological and Physicochemical Treatments (RM100,000), Nov 2020-Nov 2022

c. International Grant with The Education University of Hong Kong
Title: Development of Innovative Microwave CO_2 Pyrolysis Technology for Valorization of Shellfish Waste (RM63,191.42), Nov 2020-Oct 2022

6. ACADEMIC APPOINTMENT/ RESEARCH EXPERIENCE

No	Organization	Role	Duration
1.	Faculty of Ocean Engineering Technology & Informatics, Universiti Malaysia Terengganu	**Research Assistant** Project: Microwave CO_2 Pyrolysis of Biomass Waste for Liquid Fuel and Biochar Production	July 2019 – Dec 2019
2.	Faculty of Ocean Engineering Technology & Informatics, Universiti Malaysia Terengganu	**Research Assistant** Project: Resources Recovery from Forestry & Aquatic Biomass in Malaysia via Thermal & Catalytic Techniques	Oct 2019 – Dec 2019
3.	School of Ocean Engineering, Universiti Malaysia Terengganu	**Research Assistant** Project: Metabolomics Profiling & Growth Mechanism of Mushroom in Culture Substrate Derived From Used Baby Diaper, Food Waste & Pyrolysis Biochar	Mar 2019 – Aug 2019
4.	School of Social & Economic Development, Universiti Malaysia Terengganu	**Research Assistant** Project: A Research on Industry Academia Collaboration: New Dimensions In Malaysia	Sept 2018 – Dec 2019
6.	School of Ocean Engineering, Universiti Malaysia Terengganu	**Graduate Research Assistant** Project: Study on the Thermal Degradation Profile and Catalytic Behaviour of a Microwave-Heated Bed of Activated Carbon in Vacuum Pyrolysis of Waste Cooking Oil with Plastic Waste	Oct 2016 – Jan 2019
7.	School of Ocean Engineering, Universiti Malaysia Terengganu	**Research Assistant** during International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA 2015)	4-6 Dec 2015
8.	School of Ocean Engineering, Universiti Malaysia Terengganu	**Graduate Research Assistant** Project: Development of a Novel and Sustainable Microwave Pyrolysis Process for the Potential Fuel Products from Waste Oil	Nov 2013 - Jan 2015
9.	Faculty of Science and Technology, Universiti Malaysia Terengganu	**Research Assistant** Project: Study of Ultrasonic-Induced Jatropha Curcas Seed for Biodiesel and Bioethanol Production	Mei 2013 - Oct 2013

7. SELF/PROFESSIONAL DEVELOPMENT

A) Participation in Conference/Symposium/Programme

No	Activities	Year	Organizer/Date and Venue
1.	**Moderator,** International Forum on Aquaculture Services (FORAS)	2020	Universiti Malaysia Terengganu, *via* Webex
1.	**Oral Presenter,** International Symposium on Carbon and Functional Materials for Energy and Environment	2020	Universiti Malaysia Sabah & The Korean Institute of Chemical Engineers – Unaiaversiti Malaysia Sabah, January 16-18, 2020
2.	**Speaker** in 2nd Meeting Malaysia Biomass to Biofuels & Biochemicals Network	2019	HICoE – Centre for Biofuel & Biochemical Research, Universiti Malaysia Petronas. Oct 2nd, 2019
3.	**Master of Ceremony** for Postgraduate Induction Programme 2018	2018	Postgraduate Management Centre, Universiti Malaysia Terengganu
4.	**Oral Presenter** in 11th International Conference in Challenges in Environmental Science & Engineering (CESE 2018). Title: Microwave co-pyrolysis of plastic waste and waste cooking oil: Influence of activated carbon as microwave-heated reaction bed and economic analysis.	2018	Bangkok, Thailand. Nov 4th – 8th, 2018.
5.	**Participant** in Three Minutes Thesis (3MT) competition	2018	Postgraduate Management Centre, Universiti Malaysia Terengganu
6.	**Oral Presenter** in 10th International Conference on Sustainable Energy & Environmental Protection Title: Microwave co-pyrolysis of waste cooking oil and polystyrene-based	2017	University of Moribor/ Bled, Slovenia. June 27th – 30th, 2017

	plastic waste.		
7.	**Oral Presenter** in 10th International Conference on Sustainable Energy & Environmental Protection Title: Production of diesel-like oil as potential fuel from microwave-assisted pyrolysis of waste shipping oil	2017	University of Moribor/ Bled, Slovenia. June 27th – 30th, 2017
8.	Selected **Young Scholar** in AKEPT Young Scholar Programme – AKEPT collaborated with mentor/scientists from Akademi Sains Malaysia-Young Scientists Network to nurture future academic leaders	2016 - 2017	Higher Education Leadership Academy (AKEPT), Labu, Negeri Sembilan, Malaysia June 29th, 2016 – July 18th, 2017
9.	**Participant** in Three Minutes Thesis (3MT) competition	2017	Postgraduate Management Centre, Universiti Malaysia Terengganu
10.	**Oral Presenter** in Eastern Corridor Renewable Energy Symposium	2014	Special Interest Group - Eastern Corridor Renewable Energy

B) Workshop/Course/ Academic Training

No	Name of Workshop/Course	Date and Venue
1.	Workshop on Data Analysis (SPSS Series I)	April 6, 2019 Universiti Malaysia Terengganu
2.	Workshop on Data Analysis (SPSS Series II)	April 13, 2019 Universiti Malaysia Terengganu
3.	Scientific Writing and Speed Sparring Workshop – organized by Institute for Water Education (IHE) Delft in partnership with UNESCO and CESE 2018	November 5 & 7, 2018 Bangkok, Thailand
4.	Guide to Getting Published Workshop 2.0 "How to Publish in High Impact Journal" – organized by Emerald Publishing, Wiley and iG Publishing	October 23, 2017 Universiti Malaysia Terengganu
5.	AKEPT Young Scholar Programme	June 29, 2016 – July 18 2017 AKEPT,Negeri Sembilan.
6.	Occupational Safety & Health Course	April 5 – 6, 2017

		Universiti Malaysia Terengganu
7.	Journal Publication Workshop (Writing and Get Published in High Impact Journals)	July 20, 2016 Universiti Malaysia Terengganu
8.	Workshop on Academic Writing using Endnote	August 14, 2016 Universiti Malaysia Terengganu
9.	Adjunct Professor Lecture: Research Ethics	May 18, 2016 Universiti Malaysia Terengganu
10.	Course on Environmental Book Writing – collaborated with Dewan Bahasa dan Pustaka	August 18, 2014 Universiti Malaysia Terengganu
11.	Workshop on Life Cycle Assessment	March 31 – April 1, 2013 Universiti Malaysia Terengganu
12.	Occupational Safrty and Health Awareness & HIRARC Course	May 11-12, 2012 Universiti Malaysia Terengganu
13.	Biosafety and Fume Hood Awareness	April 18. 2012 Universiti Malaysia Terengganu

C) Involvement in Student Development Activities

No.	Activities	Outcomes
i.	Academic Visit to Alam Flora, Kuantan, Pahang (2017)	Educate undergraduate students (BTech. in Environment) on solid waste management
ii.	Academic Visit to Terang Bersih Sdn Bhd, Jerangau Jabor, Pahang (2017)	Educate undergraduate students (BTech. in Environment) on solid waste management
iii.	Guide undergraduate students to complete their Final Year Project (2014 until 2019)	Publish several papers in high impact journal – Energy Conversion and Management, Energy, Journal of Cleaner Production
iv.	Guide internship students to complete their project (2018)	Publish a paper in high impact journal – Chemosphere, IF 5.108 (Q1)
v.	Secretariat of Student Representative Council Session 2011/2012	Contributed service and devotion in students' welfare and assisted Student Representative Council in organizing students activities.

D) Involvement/Participation/Publication in Media

No.	Article Title/ Television Title	Year	Publication Medium/ Publisher
1.	Microwave Pyrolysis – "*Dapat menukar sisa buangan menjadi bahan bakar*"	2019	**National Television: TV1** Youtube Title: N5 –LANGSUNG TERENGGANU [12 JUN 2019]
2.	Thriving at UMT: Wan Adibah Awarded with Vice Chancellor Champion Trophy and PhD Best Project in Student Research Day 2019	2019	**Newsletter: Academic Affais** Vol. 33, Page 2 Publisher: Universiti Malaysia Terennganu
3.	*Penyelidik UMT Terima Anugerah Projek PhD Terbaik. Hasilkan Bahan Bakar daripada Bahan Buangan*	2019	**Newspaper: Utusan Malaysia** May 29, 2019
4.	*UMT Hasilkan Bahan Bakar Daripada Sisa Buangan*	2019	**Magazine: Majalah Sains** May 23, 2019
5.	Excellent Student Section: Award-winning PhD Student, Wan Adibah is Putting Her Knowledge in Chemical Technology to Good Use by Successfully Converting Waste into Biofuel	2016	**Magazine: Voyages of Discovery** Vol. 5, Page 42

8. PUBLIC & COMMUNITY SERVICES

No	Activity	Duration	Outcome
1.	Executive Committee Member in Workshop on Digital Entrepreneurship UMT-MDEC	26 – 27 Sept 2018	Educate young entrepreneur and community in Besut, Terengganu on the importance of digital marketing and entrepreneurship
2.	Presenter and Exhibitor during "*Cakap-cakap Sains*" Programme – Organized by Terengganu Science and	February 2017	Introducing UMT research project to school students, parents, and community and educate them about science and

	Creativity Centre		research project.
3.	Presenter and Exhibitor during Research Exhibition on 15th UMT Convocation Ceremony 2017	November 18-20, 2017	Introducing UMT research project to parents, guests and students.
4.	Flood Forensic Investigation of Floods in Kelantan	Jan - May 2015	Flood Forensic Report, A report on the impact of flood to the affected areas

9. ACADEMIC AND MANAGEMENT LEADERSHIP

A) Administrative Duties

No	Appointed Position	Date/ Duration	Organization/Activities
1.	Committee Member – Webpage, Publicity, and Promotion	Mar 2016 – Aug 2017	Execution Committee for International Conference on Air Quality and Sustainability 2017 (ICAQES 2017)
2.	Committee Member – Webpage, Publicity, and Promotion	Mar 2016 – July 2017	Execution Committee for OSHA course (OSHA1.02017)

B) Reviewer For Scholarly Publication

147 articles verified by Publons

1. Renewable and Sustainable Energy Reviews. **(SCI, Q1, IF 12.110)**
2. Journal of Hazardous Materials. **(SCI, Q1, IF 9.038)**
3. Journal of Cleaner Production. **(SCI, Q1, IF 7.246)**
4. Environmental Pollution. **(SCI, Q1, IF 6.792)**
5. Waste Management **(SCI, Q1, IF 5.448)**
6. International Journal of Industrial Chemistry. **(SCI, Q1, IF 4.978)**
7. Process Safety and Environmental Protection. **(SCI, Q1, IF 4.966)**
8. Journal of Environmental Chemical Engineering. **(SCI, Q1, IF 4.300)**
9. Journal of Analytical and Applied Pyrolysis **(SCI, Q1, IF 3.905)**
10. Journal of Energy Storage. **(SCI, Q1, IF 3.762)**
11. Applied Nanoscience **(SCI,Q3, IF 2.88)**
12. Environmental Progress and Sustainable Energy. **(SCI, Q3, IF 1.989)**
13. Engineering Reports.
14. SN Applied Sciences

10. ACADEMIC REFEREES

i. Associate Professor Ts. Dr. Lam Su Shiung
MSc and PhD Academic/Research Supervisor
Pyrolysis Technology Research Group, Universiti Malaysia Terengganu, 21030 Kuala Nerus, Terengganu, Malaysia.
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ii. Professor. Dr. Ir. Ahmad Jusoh
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