



DR. SITI HASLINA BINTI MOHD SHAFIE

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BIOGRAPHY

Dr. Siti Haslina Mohd Shafie is a Senior Lecturer at Geography Section, School of Humanities, Universiti Sains Malaysia. Dr. Siti Haslina received her PhD in Geography from Universiti Kebangsaan Malaysia and area of work during her doctoral studies deals specifically on impact of urban traffic emission and pollution on physical and social environment aspect in urban area, Kuala Lumpur. Dr. Siti Haslina also hold a Master of Philosophy (M.Phil) in Geography and obtained a Bachelor of Social Science degree in Geography (Hons) from Universiti Kebangsaan Malaysia. Dr. Siti Haslina was successfully published research articles in high impact journal and indexed journal SCOPUS, ERA and a book under UKMPress. Dr. Siti Haslina's research specialization on atmospheric and earth science topics, particularly related to air pollution analysis technique, air quality monitoring, Geographical Information System (GIS) and physical geography. Currently, Dr. Siti Haslina is actively doing research and collaborating with other universities focused on air pollution analysis, air quality monitoring, GIS and further to climate change.

AREAS OF EXPERTISE

- AIR POLLUTION
- AIR QUALITY MONITORING
- PHYSICAL GEOGRAPHY
- CLIMATE CHANGE

ACADEMIC QUALIFICATION

- **Doctor of Philosophy in Geography (PhD) (UKM) (2021)**
Universiti Kebangsaan Malaysia (UKM)
- **Master of Philosophy in Geography (M.Phil) (UKM) (2014)**
Universiti Kebangsaan Malaysia (UKM)
- **Bachelor of Social Sciences with Hons (Geography) (UKM) (2010)**
Universiti Kebangsaan Malaysia (UKM)

AWARDS AND STEWARDSHIP

- **BEST PAPER AWARD**

International Conference on Social and Economic Development 2018 (ICSED---UMT 2018), Malaysia (National)

- **ANUGERAH TENGKU AMPUAN AFZAN**

Majlis Konvokesyen Universiti Kebangsaan Malaysia ke-38 (2010)

PUBLICATIONS

Article in Journal

WoS

1. **Siti Haslina Mohd Shafie**, Mastura Mahmud, Suzani Mohamad, Nor Lita Fadilah Rameli, Ahmad Faris Mohamed & Ramdzani Abdullah. 2022. Influence of urban air pollution on population in Klang Valley, Malaysia: A spatial approach. *Ecol Process* 11, 3. <https://doi.org/10.1186/s13717---021---00342---0> (Corresponding Author & First Author) – WOS Q2 (SCIE); IF: 2.84
2. **Siti Haslina Mohd Shafie** & Mastura Mahmud. 2020. Urban air pollutant from motor vehicle emissions in Kuala Lumpur, Malaysia. *Aerosol and Air Quality Research* 20: 2793–2804. <https://doi.org/10.4209/aaqr.2020.02.0074> (First Author) - WOS Q2 (SCIE); IF: 3.06

ESCI

1. **Siti Haslina Mohd Shafie**, Suzani Mohamad, Nor Lita Fadilah Rameli & Sahala Benny Pasaribu. 2021. Analysis of urban air pollution and the effectiveness of Air Pollution Control Policy in Malaysia: Case study in Klang Valley, Malaysia. *Jurnal Cita Hukum* 9(1): 13---28. <https://doi.org/10.15408/jch.v9i1.20018> (Corresponding Author & First Author) – WOS ESCI
2. **Siti Haslina Mohd Shafie** & Mastura Mahmud. 2021. Pengetahuan dan kesedaran penduduk terhadap pencemaran trafik di Kuala Lumpur. *GEOGRAFIA: Malaysian Journal of Society and Space* 17(1): 181---195. <https://doi.org/10.17576/geo---2021---1701---14> (First Author) – WOS ESCI

Scopus

1. **Siti Haslina Mohd Shafie**, Mastura Mahmud, Suzani Mohamad, Nor Lita Fadilah Rameli, Ahmad Faris Mohamed & Ramdzani Abdullah. 2022. Influence of urban air pollution on population in Klang Valley, Malaysia: A spatial approach. *Ecol Process* 11, 3. <https://doi.org/10.1186/s13717---021---00342---0> (Corresponding Author & First Author) – SCOPUS
2. **Siti Haslina Mohd Shafie** & Mastura Mahmud. 2020. Urban air pollutant from motor vehicle emissions in Kuala Lumpur, Malaysia. *Aerosol and Air Quality Research* 20: 2793–2804. <https://doi.org/10.4209/aaqr.2020.02.0074> (First Author) – SCOPUS
3. **Siti Haslina Mohd Shafie** & Mastura Mahmud. 2017. Public perception on traffic pollution in Federal Territory of Kuala Lumpur, Malaysia. *Planning Malaysia: Journal of the Malaysian Institute of Planners* 15(4). pp: 105-114. ISSN: 1657-6215 (Corresponding Author & First Author) – SCOPUS

Others

1. **Siti Haslina Mohd Shafie & Mastura Mahmud.** 2015. Pencemaran habuk di Lembah Klang melalui analisis Boxplot. GEOGRAFIA: Malaysian Journal of Society and Space, 11(11). pp:144---155. ISSN: 2180---2491 (Corresponding Author & First Author) - ERA
2. **Siti Haslina Mohd Shafie & Mastura Mahmud.** 2015. Analisis pola taburan reruang PM10 dan O3 di Lembah Klang dengan mengaplikasi teknik Geographic Information System (GIS). GEOGRAFIA: Malaysian Journal of Society and Space, 11(3). pp: 61---73. ISSN: 2180---2491 (First Author) – ERA
3. Mastura Mahmud & **Siti Haslina Mohd Shafie.**2012. Perbandingan kualiti udara antara tahun 2002 dan 2003 di Kawasan padi sewaktu pembakaran Jerami di Mergong, Kedah. GEOGRAFIA: Malaysian Journal of Society and Space, 8(3). pp: 33---42. ISSN: 2180---2491 (Co- Author) - ERA
4. **Siti Haslina Mohd Shafie & Mastura Mahmud.** 2020. Aplikasi kerangka konseptual DPSIR USEPA bagi pencemaran udara bandar daripada kenderaan bermotor: Kajian kes Kuala Lumpur, Malaysia. e---BANGI 17(2): pp. 77---90. ISSN 1823--- 884x (Corresponding Author & First Author) - MyCite
5. Nor Lita Fadilah Rameli, Mohd Fariz Mohamed, Suzani Mohamad, Mohd Khairi Ismail, **Siti Haslina Mohd Shafie & Ramdzani Abdullah.** 2019. Persepsi penduduk terhadap banjir monsun: Kajian kes Temerloh Pahang, Malaysia. Journal of Management and Operation Research 1 (8): pp: 1--- 14. ISSN. <https://ecdcpublishing.com/wp---content/uploads/2018/10/JoMOR---2019---VOL---1--- NO---8.pdf>, (Co-Author) - MyCite

Books

1. **Siti Haslina Mohd Shafie & Mastura Mahmud.** 2020. Pengaruh Kenderaan Terhadap Kualiti Udara Lembah Klang. UKMPress (First Author)

Article in Proceeding

1. **Siti Haslina Mohd Shafie & Mastura Mahmud.** 2018. Emisi karbon monoksida (CO) daripada kenderaan bermotor: Kajian kes Kuala Lumpur, Malaysia. Proceeding The 7th International Conference on Social Sciences and Humanities (ICOSH-UKM 2018), Faculty of Social Sciences and Humanites, Universiti Kebangsaan Malaysia. ISBN: 978-983-3213-09-2 (Corresponding Author & First Author)
2. **Siti Haslina Mohd Shafie & Mastura Mahmud.** 2012. Air quality study in Klang Vallet impact from transportation sector. Proceeding of The National Graduate Student Conference: Community and Environmental Management for Sustainable Development in ASEAN, College of Politics and Governance, Mahasarakham University, Thailand. ISBN: 978-974-1958-17-7 (Corresponding Author & First Author)

Other Publications

1. **Siti Haslina Mohd Shafie.** 2024. Vehicle emissions are polluting Malaysia's cities. 360info. <https://360info.org/vehicle---emissions-are- polluting-malaysias-cities/> (First Author) – Mass Media 360info

PAPER PRESENTED

Conference

1. International Conference on Social Sciences and Economic Development (ICSED-UMT 2021), Malaysia (November 2021) – Title: Analisis spatial-temporal perubahan guna tanah dan taburan hujan di daerah Segamat, Johor, Malaysia
2. International Conference on Social Sciences and Humanities 2018 (ICOSH-UKM 2018), Malaysia (November 2018) – Title: Emisi karbon monoksida (CO) daripada kenderaan bermotor: Kajian kes Kuala Lumpur, Malaysia
3. Postgraduate Research Conference UniSZA 2018 (PRCU-UnisZA 2018), Malaysia (November 2018) – Title: Persepsi penduduk terhadap banjir monsoon: Kajian kes Temerloh, Pahang, Malaysia
4. International Conference on Social Sciences and Economic Development (ICSED-UMT 2018), Malaysia (November 2018) – Title: Pengaruh penduduk terhadap pencemaran udara bandar di Lembah Klang dengan mengaplikasi Sistem Maklumat Geografi (GIS)
5. International Conference on Social Sciences and Humanities 2017 (ICOSH-UKM 2017), Malaysia (April 2017) – Title: Analisis persepsi penduduk terhadap pencemaran trafik bandar di Wilayah Persekutuan Kuala Lumpur
6. International Conference on Social Sciences and Humanities 2012 (ICOSH-UKM 2012), Malaysia (Disember 2012) – Title: Analisis taburan keruangan bahan pencemar udara di Lembah Klang dengan mengaplikasi Teknik interpolasi Inverse Distance Weighted (IDW), Sistem Maklumat Geografi (GIS)
7. Postgraduate Research Seminar (POGRES 2012), Malaysia (November 2012) – Title: Analisis tren konsentrasi bahan pencemar udara di Lembah Klang dari tahun 2000 hingga 2009
8. The National and International Graduate Student Conference: Community and Environmental Management for Sustainable Development in ASEAN, Mahasarakham University, Thailand (May 2012) – Title: Air quality in Klang Valley impact from transportation sector

Presenter

1. International Conference on Social Sciences and Humanities 2018 (ICOSH-UKM 2018), Malaysia (November 2018) – Presenter
2. Postgraduate Research Conference UniSZA 2018 (PRCU-UnisZA 2018), Malaysia (November 2018) – Presenter
3. International Conference on Social Sciences and Economic Development (ICSED-UMT 2018), Malaysia (November 2018) – Presenter
4. International Conference on Social Sciences and Humanities 2017 (ICOSH-UKM 2017), Malaysia (April 2017) – Presenter
5. International Conference on Social Sciences and Humanities 2012 (ICOSH-UKM 2012), Malaysia (Disember 2012) – Presenter
6. Postgraduate Research Seminar (POGRES 2012), Malaysia (November 2012) – Presenter
7. The National and International Graduate Student Conference: Community and Environmental Management for Sustainable Development in ASEAN, Mahasarakham University, Thailand (May 2012) - Presenter