



ACADEMIA INFO

Scopus ID :

57190756160

WoS ID :

B-4748-2015

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Hanifah Mahat

AREAS OF EXPERTISE

Geografi Manusia

Pendidikan Pembangunan
Lestari dan alam sekitar

SUPERVISION

PhD

Completed : 2

Ongoing : 5

Master

Completed : 5

Ongoing : 0

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📍 Faculty Of Human Sciences
Universiti Pendidikan Sultan Idris (UPSI)

BIOGRAPHY

A lecturer from the Faculty Of Human Sciences , Universiti Pendidikan Sultan Idris, Tanjung Malim, Perak, Malaysia. Specializes in Pendidikan Pembangunan Lestari dan alam sekitar.

ACADEMIC QUALIFICATION

- 2013 **Ijazah Doktor Falsafah (Geografi)**
Universiti Pendidikan Sultan Idris
- 2001 **Master Sains (Teknologi Pendidikan)**
Universiti Putra Malaysia
- 1995 **Ijazah Sarjana Muda Sains Pembangunan Dengan Kepujian (Pengajian Geografi dan Perancangan Wilayah)**
Universiti Kebangsaan Malaysia

RESEARCH

- Pembinaan Indikator Kesedaran Pendidikan Pembangunan Lestari
- 1 Peringkat Sekolah Menengah
Leader Kementerian Pengajian Tinggi
- Pembinaan Model Sekolah Rendah Karbon Melalui Pendekatan
- 2 Pendidikan Pembangunan Lestari
Leader Kementerian Pengajian Tinggi
- Pembinaan Model Kompetensi Profesionalisme Dan Pedagogi Guru
- 3 Geografi Pra Universiti
Leader Universiti Pendidikan Sultan Idris
- Pembangunan Model Penglibatan Belia Ke Arah Kelestarian Alam
- 4 Sekitar
Leader Universiti Pendidikan Sultan Idris
- Pengetahuan, Sikap Dan Amalan Kelestarian Pengurusan E-Sisa
- 5 Komuniti: Kajian Kes Di Selangor
Leader Universiti Pendidikan Sultan Idris

RESEARCH

- 6 Analisis Jejak Karbon Dan Amalan Kelestarian Dalam Penjimatan Tenaga Di Sekolah Rendah Daerah Batang Padang, Perak
Leader | Universiti Pendidikan Sultan Idris
- 7 Amalan Kelestarian Ke Arah Penerapan Pendidikan Pembangunan Lestari Dalam Kalangan Murid Pra Sekolah Daerah Hulu Langat, Selangor
Leader | Universiti Pendidikan Sultan Idris
- 8 Indeks Kesedaran Kelestarian Alam Sekitar Masyarakat Malaysia Melalui Model Persamaan Berstruktur
Leader | Kementerian Pengajian Tinggi
- 9 Pembangunan Modul E-Aktiviti Pintar Bagi Pentaksiran Bilik Darjah Dalam Mata Pelajaran Geografi.
Leader | Universiti Pendidikan Sultan Idris
- 13 Tahap Makmal- Makmal Sekolah Di Perak
Member | Kementerian Pengajian Tinggi
- 14 Pembangunan Indeks Stres Guru Maya (IdSGM) Sekolah Menengah Di Malaysia.
Member | Universiti Pendidikan Sultan Idris
- 15 Penyertaan Dan Komitmen Aktiviti Eko-kampus Dalam Kalangan Mahasiswa Di Universiti Pendidikan Sultan Idris
Member | Universiti Pendidikan Sultan Idris
- 16 HUBUNGAN PENGETAHUAN, KEMAHIRAN DAN NILAI STEM PELAJAR DAN PENSYARAH KURSUS GEOGRAFI BAGI PROGRAM ISMP GEOGRAFI DI UPSI
Member | Universiti Pendidikan Sultan Idris
- 17 Kajian Perbandingan Kurikulum Ijazah Sarjana Muda Pendidikan (ISMP) Geografi Universiti Pendidikan Sultan Idris (UPSI) Seiring KSSM Geografi Di Sekolah
Member | Universiti Pendidikan Sultan Idris
- 18 PEMBINAAN ALAT BANTU MENGAJAR BAGI ELEMEN KEMAHIRAN GEOGRAFI MENGGUNAKAN ANDROID
Member | Universiti Pendidikan Sultan Idris
- 19 Model Dan Indikator Literasi Iklim Untuk Pelajar Universiti Awam Di Malaysia Menggunakan Structural Equation Modelling
Member | Universiti Pendidikan Sultan Idris
- 20 Pembinaan Petunjuk Transformasi Desa Bandar Di Pinggir Wilayah Metropolitan Di Malaysia
Member | Universiti Pendidikan Sultan Idris
- 21 Inventori Rumah Melayu Tradisional Perak Dalam Daerah Muallim
Member | Universiti Pendidikan Sultan Idris

- 22 Pengurusan Risiko Bekalan Air Dalam Bencana Banjir : Kajian Kes Di Kelantan
 Member Universiti Pendidikan Sultan Idris
- 23 Penilaian Kualiti Air Bekas Lombong Biji Timah Untuk Tujuan Rekreasi Di Bandar Raya Ipoh, Perak
 Member Universiti Pendidikan Sultan Idris
- 24 Penilaian Pelaksanaan Program Ijazah Sarjana Muda Pendidikan, Fakulti Sains Dan Kemanusiaan
 Member Universiti Pendidikan Sultan Idris
- 25 Kerangka Akulturasi Sosiobudaya Masyarakat Superdiversiti Dalam Kalangan Pemastautin Tetap Di Malaysia
 Member Kementerian Pengajian Tinggi
- 26 A Comparative Study Of Distance Learning Implementation And Students' Learning Independence Between City And Village School In Developing Countries During The Covid-19 Pandemic
 Member Universitas Muhammadiyah Jakarta
- 27 THE IMPACT OF MASS RAPID TRANSIT (MRT) ON RESIDENTIAL PROPERTY PRICES IN THE KLANG VALLEY, MALAYSIA
 Member
- 28 KAJIAN PERLAKSANAAN DAN KEBERKESANAN KURSUS DALAM TALIAN ANJURAN INSTUN
 Member Kementerian Sumber Asli Dan Alam Sekitar
- 29 Pembinaan Indeks Keharmonian Netizen Menerusi Elemen Bahasa Berasaskan Data Korpus Digital Media Sosial
 Member Kementerian Pengajian Tinggi
- 30 Model Rangkaian Neuro Taman Hijau Bandar Dalam Mengurangkan Suhu Bandar Bagi Menangani Kejadian Pulau Haba Bandar Malaysia
 Member Kementerian Pengajian Tinggi
- 31 INDEKS KELESTARIAN BANDAR WARISAN DI MALAYSIA (MHC-Index) MENGGUNAKAN MODEL PERSAMAAN BERSTRUKTUR (SEM)
 Member Kementerian Pengajian Tinggi
- 32 Pembinaan Bahan Sokongan Pintar Dan Berbakat PERMATA Negara
 Member Jabatan Perdana Menteri
- 33 Pembangunan Aplikasi MyCareTeachers Dalam Kalangan Guru-Guru Sekolah Malaysia
 Member Universiti Pendidikan Sultan Idris
- 35 Penerapan Budaya Pengurusan E-Waste Melalui Media Sosial Dalam Kalangan Pelajar Di Malaysia.
 Member Universiti Pendidikan Sultan Idris
- 36 Pembangunan Modul Penggunaan Air Lestari 5R (PAL5R) Dalam Kalangan Komuniti Di Malaysia
 Member Universiti Pendidikan Sultan Idris

- 37 NGO Dan Pendidikan Di Malaysia: Kajian Terhadap Angkatan Belia Islam Malaysia (ABIM) Dari Tahun 1971 Hingga Ke Tahun 2017
 Member Universiti Pendidikan Sultan Idris
- 38 Pembentukan Hierarki Multicultural Dalam Kalangan Pelajar Di Universiti Awam Malaysia
 Member Universiti Pendidikan Sultan Idris

PUBLICATIONS

- 1 **Social Media as a Medium for Disseminating Community Awareness of Environmental Issues in Malaysia**
 TEM Journal – Technology Education Management Informatics
 2023 SCOPUS First Author
- 2 **Penggunaan Elemen Animasi Untuk Meningkatkan Kefahaman Pelajar Dalam Mata Pelajaran Geografi.**
 EDUCATUM Journal of Social Sciences
 2022 Malaysian Citation Index First Author
- 3 **Defining Youth Environmental Value Towards First Class Mindset Component: A Scale Development**
 International Journal of Sustainable Development and Planning
 2022 SCOPUS Correspondence Author
- 4 **Persediaan Guru Pelatih Geografi Dalam Perlaksanaan Pengajaran dan Pembelajaran Di Rumah Semasa Latihan Mengajar.**
 Geografia – Malaysian Journal of Society and Space
 2022 Web of Science First Author
- 5 **A Study on the Responsibility of Environmental Ethics Among Secondary School Students in the 21st Century**
 International Journal of Educational Methodology (IJEM)
 2022 SCOPUS First Author
- 6 **Engagement and commitment in Eco-Campus activities of preservice teachers: Confirmatory Factor Analysis.**
 International Journal of Evaluation and Research in Education (IJERE)
 2022 SCOPUS First Author
- 7 **Construct Validity of the Knowledge and Skills in a Geography STEM Education Instrument Among Prospective Teacher: Confirmatory Factor Analysis**
 Indonesian Journal of Geography
 2021 SCOPUS First Author
- 8 **Determining the Effectiveness of Pre-university Students Online Learning in Geography subject Using Relative Importance Index.**
 Pegem Egitim ve Ogretim Dergisi
 2021 SCOPUS First Author
- 9 **Kompetensi Profesionalisme Guru Geografi di Malaysia**
 Geografia – Malaysian Journal of Society and Space
 2021 Web of Science First Author

- 10 **Pelaksanaan Pentaksiran Pembelajaran dan Pemudahcaraan (PdPc) Berasaskan Teknologi Di Sekolah**
e-Jurnal Penyelidikan dan Inovasi
2021 Malaysian Citation Index First Author
- 11 **Pengetahuan, Kesediaan dan Penggunaan Flipped Classroom Dalam Kalangan Pelajar Pendidikan Geografi UPSI**
Sains Humanika
2021 Malaysian Citation Index First Author
- 12 **The Readiness of Geography Teacher Trainees in Gamification Approach.**
Review of International Geographical Education
2021 SCOPUS First Author
- 13 **Implementasi Pendekatan Pembelajaran Lingkaran Dalam Pelatihan Calon Guru Geograf**
Jurnal Pendidikan Ilmu Sosial
2020 Google Scholar Correspondence Author
- 14 **Penggunaan dan penerimaan bahan bantu mengajar multimedia terhadap keberkesanan pembelajaran Geografi.**
Geografia – Malaysian Journal of Society and Space
2020 Web of Science First Author
- 15 **The Integration Of Attitude And Behavior In Environmental Sustainability Awareness Among Young Malaysians**
International Journal of Advanced Science and Technology
2020 Excellent Research Australia (ERA) Correspondence Author
- 16 **Factors Influencing Eco Youth Sustainability Activity and Practices in Youth City, Muallim, Malaysia.**
Asia-Pacific Social Science Review
2019 SCOPUS First Author
- 17 **Professional and Pedagogical Competencies of Form Six Geography Teachers in Malaysia.**
Review of International Geographical Education
2019 SCOPUS First Author
- 18 **E-waste disposal awareness among the Malaysian community**
Knowledge Management and E-Learning
2019 SCOPUS First Author
- 19 **Establishing Green Practice Constructs among Secondary School Student in Malaysia: Confirmatory Factor Analysis Approach (CFA).**
Pertanika Journal of Social Science and Humanities
2019 SCOPUS First Author
- 20 **COMPETENCIES FOR FORM SIX GEOGRAPHY TEACHERS IN REACHING THE MALAYSIAN EDUCATION QUALITY STANDARDS**
Jurnal Cakrawala Pendidikan
2019 SCOPUS First Author

- 21 **Factor analysis on energy saving knowledge among primary school students in Malaysia: A case study in Batang Padang district, Perak.**
Kasetsart Journal of Social Sciences
2019 Non Index First Author
- 22 **Amalan Rendah Karbon dalam Kalangan Isi Rumah (Low Carbon Lifestyle among Household)**
Journal Of Techno Social
2019 Google Scholar First Author
- 23 **Developing Low Carbon Schools Model Through Students' Involvement In Sustainability Activities**
International Journal of Asian Social Science
2018 Excellent Research Australia (ERA) First Author
- 24 **Mapping of Student Sustainable Development Education Knowledge in Malaysia using Geographical Information System (GIS)**
World Journal of Education
2018 Excellent Research Australia (ERA) First Author
- 25 **Confirmation of E-Waste Sustainable Management Instrument in the Community**
International Journal of Academic Research in Economics and Management Sciences
2017 Excellent Research Australia (ERA) First Author
- 26 **Sustainable Consumption Practices of Students through Practice-Oriented Approach of Education for Sustainable Development**
International Journal of Academic Research in Business and Social Sciences
2017 Excellent Research Australia (ERA) First Author
- 27 **Pencapaian Pelajar dalam Mata Pelajaran Geografi Sekolah Menengah di Sabah –Analisis Awal**
Sains Humanika
2017 Malaysian Citation Index First Author
- 28 **Pengetahuan dan Amalan Hijau dalam Kalangan Murid Sekolah Rendah**
Jurnal Pendidikan Malaysia
2017 Malaysian Citation Index First Author
- 29 **Factor Analysis on Energy Saving Knowledge among Primary School Students in Malaysia: A Case Study in Batang Padang District, Perak, Malaysia**
Kasetsart Journal of Social Sciences
2016 Non Index First Author
- 30 **Aspek Kritikal Pendidikan Pembangunan Lestari Berdasarkan Data Temu Bual Guru**
EDUCATUM Journal of Social Sciences
2016 Malaysian Citation Index First Author
- 31 **Model Development on Awareness of Education for Sustainable Schools Development in Malaysia**
Indonesian Journal of Geography
2016 SCOPUS First Author

- 32 **Keberkesanan Kurikulum Pendidikan Sains Sosial di Malaysia: Kajian Perspektif Guru Siswazah dan Pengetua Sekolah di UPSI**
Geografia – Malaysian Journal of Society and Space
2016 Web of Science First Author
- 33 **Determination of Physical Geographical Components in the Construction of Environmental Sustainability Awareness Index of the Malaysian Society**
Asia-Pacific Social Science Review
2020 SCOPUS Correspondence Author
- 34 **The Utilization of Web 2.0 Applications among Geography Students at Universiti Pendidikan Sultan Idris, Malaysia**
International Journal of Academic Research in Progressive Education and Development
2020 Excellent Research Australia (ERA) First Author
- 35 **Kompetensi Pengetahuan, Kemahiran dan Ciri-Ciri Peribadi Guru-Guru Novis Geografi dalam Memenuhi Standard Kurikulum Sekolah Menengah**
Jurnal Kurikulum
2020 Non Index First Author
- 36 **Transformation of Education for Sustainable Development through Low Carbon Schools Community Program**
Journal of Turkish Science Education
2020 SCOPUS First Author
- 37 **Program Komuniti Sekolah Karbon Rendah Melalui Aktiviti Pendidikan Pembangunan Lestari**
Journal of Human Capital Development
2018 Malaysian Citation Index First Author
- 38 **A Confirmatory Factor Analysis of Malaysian Primary School Students Energy Saving Practices**
Journal of Turkish Science Education
2018 SCOPUS First Author
- 39 **Analysis of Carbon Footprint in Terms of Electricity Consumption Practices in Primary Schools: A Case Study of Batang Padang District, Perak, Malaysia**
International Journal of Academic Research in Business and Social Sciences
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- 40 **Kesedaran Terhadap Sistem Penuaian Air Hujan dalam Kalangan Komuniti Tanjong Malim, Perak**
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- 41 **Education for sustainable development in Malaysia: A study of teacher and student awareness.**
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- 42 **Determination of Sustainable Food Land Directions in Bantul Regency, Indonesia Based on Food Security Level and Land Use Conversion**
International Journal of Sustainable Development and Planning
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- 43 **Sustainable Heritage City: An Empirical Study to Address Study Limitations in Previous Studies**
Journal of Urban Culture research
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- 44 **Pembinaan Indikator Perumahan Bagi Mengukur Kesejahteraan Penduduk Dengan Menggunakan Kaedah Analisis Faktor**
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Visions for Sustainability
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- 49 **Tahap Kelestarian Bandar Warisan di Malaysia**
Sains Humanika
2022 Malaysian Citation Index Co-Author
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- 50 **Pengetahuan dan Sikap Penduduk Simunjan, Sarawak Terhadap Sistem Penuaian Air Hujan (SPAH) Sebagai Bekalan Air Alternatif**
Journal Of Techno Social
2022 Malaysian Citation Index Co-Author
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- 51 **The impact of geography information system integrated teaching on underachieving students' intrinsic motivation.**
International Research in Geographical and Environmental Education
2022 Excellent Research Australia (ERA) Co-Author
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- 52 **Reconstruction of rainfall region boundaries for the western region found by Dale (1959) in Peninsular Malaysia**
Journal of Water and Land Development
2022 SCOPUS Co-Author
-
- 53 **Change of Small Urban Centers in the Northern Corridor of Selangor From the Expansion of Klang-Langat Metropolitan Region Valley, Malaysia**
Sumatra Journal of Disaster, Geography and Geography Education
2021 Google Scholar Co-Author
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- 54 **Long-term rainfall trend and distribution in the Western region of the Peninsular Malaysia**
Ecology, Environment and Conservation
2021 SCOPUS Co-Author
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- 55 **Pembinaan kerangka konstruk kelestarian bandar warisan di Malaysia**
Geografia – Malaysian Journal of Society and Space
2021 Web of Science Co-Author
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- 56 **PEMBANGUNAN BANDAR WARISAN LESTARI: SOROTAN EMPIRIKAL MENGGUNAKAN KAEDAH SOROTAN LITERATUR BERSISTEMATIK (SYSTEMATIC LITERATURE REVIEW (SLR))**
e Bangi Journal of Social Science and Humanities
2021 Malaysian Citation Index Co-Author
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- 57 **Analysis of Water Quality Trends Using the Mann–Kendall Test and Sens Estimator of Slope in A Tropical River Basin**
Pollution
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- 58 **SPATIAL URBAN LAND SURFACE TEMPERATURE ESTIMATION DURING A DRY SEASON IN KUALA LUMPUR CITY, MALAYSIA**
Ecology, Environment and Conservation
2021 Academic Journal Co-Author
-
- 59 **Alternative Water Resources Quality Assessment during Flood Disaster in Kuala Krai, Kelantan, Malaysia**
Sains Malaysiana
2021 Web of Science Co-Author
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- 60 **Long-term rainfall trend and distribution in the western region of the Peninsular Malaysia**
Ecology, Environment and Conservation
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Journal of Regional and City Planning
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Journal of Water and Land Development
2021 SCOPUS Co-Author
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- 63 **Water Resource Sustainability Awareness among Upper School Students in Malaysia**
Malaysian Journal of Tropical Geography
2021 Non Index Co-Author
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- 64 **RE-EVALUATION OF LONG TERM RAINFALL TREND AND DISTRIBUTION IN THE WESTERN REGION OF THE PENINSULAR MALAYSIA**
Kasmera
2021 Web of Science Co-Author
-

- 65 **Development Model for Environment-Based Learning to Improve Junior High School Students Geographical Skills**
Review of International Geographical Education
2021 SCOPUS Co-Author
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- 66 **Inmates' Perceptions of the Effectiveness of Technical and Vocational Training (TVET) and Entrepreneurship Training Program**
Journal of Technical Education and Training
2021 SCOPUS Co-Author
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- 67 **Penerokaan Indeks Pengetahuan Kelestarian Alam Sekitar Fizikal dalam Kalangan Belia Malaysia**
Journal Of Techno Social
2021 Google Scholar Co-Author
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- 68 **Environmentally-Literate Citizenry among Malaysian Youth to Produce Responsible Environmental Behaviour**
Akademika
2021 Web of Science Co-Author
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- 69 **Demografi Sebagai Elemen Moderator Pengetahuan Literasi Kelestarian Alam Sekitar Dalam Kalangan Belia Malaysia. Malaysian**
Malaysian Journal Of Youth Studies
2021 Non Index Co-Author
-
- 70 **POPULATION LEVELS OF WELL-BEING IN A PERI-URBAN AREA OF A METROPOLITAN REGION, A CASE STUDY OF SELANGOR NORTHERN CORRIDOR, MALAYSIA**
PalArch's Journal of Archaeology of Egypt/ Egyptology
2020 SCOPUS Co-Author
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- 71 **Pengetahuan dan Amalan Penjagaan Alam Sekitar dalam Kalangan Pelajar Pra-Sekolah.**
Akademika
2020 Web of Science Co-Author
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- 72 **Pola Sokongan Pengundi Muda Sebelum Pilihan Raya Umum ke 14 di Malaysia**
Geografia – Malaysian Journal of Society and Space
2020 Web of Science Co-Author
-
- 73 **NGO and Education in Malaysia: A Study of the Muslim Youth Movement Malaysia (ABIM)**
Journal of Advanced Research in Dynamical and Control Systems
2020 SCOPUS Co-Author
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Journal of Critical Reviews
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- 76 **Perbezaan kualiti hidup penduduk berdasarkan ciri demografi di pusat petempatan kecil: Kajian kes daerah Muallim, Perak, Malaysia**
EDUCATUM Journal of Social Sciences
2020 Malaysian Citation Index Co-Author
- 77 **Impak Guna Tanah Terhadap Kualiti Air Sungai Liwagu, Sabah**
Journal of Tourism, Hospitality and Environment Management
2020 Malaysian Citation Index Co-Author
- 78 **Penilaian Kualiti Air Bawah Tanah Berdasarkan Indeks Kualiti Air di Pulau Kapas, Marang, Terengganu**
e Bangi Journal of Social Science and Humanities
2020 Malaysian Citation Index Co-Author
- 79 **Tree Composition and Distribution of the Gunung Bubu Virgin Jungle Reserves, Perak Phytogeographical Subprovince**
International Journal of Advanced Science and Technology
2020 Excellent Research Australia (ERA) Co-Author
- 80 **Spatial Variation of Tropical Urban Carbon Dioxide Concentration: A Case Study of Kuala Lumpur**
International Journal of Psychosocial Rehabilitation
2020 Excellent Research Australia (ERA) Co-Author
- 81 **Youth Climate Change Mitigation Practices and Adaptation in Malacca State, Malaysia**
Review of International Geographical Education
2020 SCOPUS Co-Author
- 82 **CLIMATE LITERACY AWARENESS AMONG PRESERVICE TEACHERS IN MALAYSIA**
Jurnal Cakrawala Pendidikan
2020 SCOPUS Co-Author
- 83 **Pembangunan android dalam menyokong pengajaran dan pembelajaran Geografi: Kajian kes GeoSudut**
Geografia – Malaysian Journal of Society and Space
2020 Excellent Research Australia (ERA) Co-Author
- 84 **MULTICULTURAL EDUCATION: CULTURAL SPACE AMONG PUBLIC UNIVERSITY STUDENTS IN MALAYSIA**
International Journal of Asian Social Science
2019 Excellent Research Australia (ERA) Co-Author
- 85 **Hierarchy of Multicultural Criteria among Public University Students in Malaysia**
International Journal of Academic Research in Business and Social Sciences
2019 Excellent Research Australia (ERA) Co-Author
- 86 **Factors Behind the Changes in Small Towns along the Selangor Northern Corridor Resulting from Spillover of The Klang–Langat Valley Metropolitan Region: A Confirmatory Factor Analysis Approach (CFA)**
International Journal of Academic Research in Business and Social Sciences
2019 Excellent Research Australia (ERA) Co-Author
- 87 **The Importance Value Index of the Flora in the Green Belt of the Sultan Azlan Shah Campus, Universiti Pendidikan Sultan Idris, Perak, Malaysia**
Journal of Advanced Research in Dynamical and Control Systems
2019 SCOPUS Co-Author

- 88 **Sistem Maklumat Geografi Dalam Pemilihan Telaga Bagi Kegunaan Mangsa Banjir di Jajahan Kuala Krai, Kelantan**
Jurnal Institut Tanah dan Ukur Negara
2019 Non Index Co-Author
- 89 **Investigating Groundwater Quality in the Flood Prone Neighborhood Area in Malaysia**
Indonesian Journal of Geography
2019 SCOPUS Co-Author
- 90 **Peranan Jantina terhadap Amalan Penggunaan Air Secara Lestari: Kajian Kes dalam Kalangan Pelajar Tingkatan Empat di Daerah Kinta Utara Perak, Malaysia.**
Sains Humanika
2019 Malaysian Citation Index Co-Author
- 91 **The Mapping of Geography Courses at Universiti Pendidikan Sultan Idris with a Standard Curriculum for Secondary School in Malaysia (Pemetaan Kursus Geografi di Universiti Pendidikan Sultan Idris dengan Kurikulum Standard Sekolah Menengah di Malaysia)**
Sains Humanika
2019 Malaysian Citation Index Co-Author
- 92 **Relationship Matrix Comparing University Geography Courses and Secondary School Standard Curriculum in Malaysia**
International Journal of Academic Research in Progressive Education and Development
2019 Excellent Research Australia (ERA) Co-Author
- 93 **The development of housing model constructs to measure the well-being of the residents in peri urban area of Klang-Langat valley extended metropolitan region, Malaysia.**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) Co-Author
- 94 **Pencapaian Program Pemindahan Ilmu Tatacara Menyelamat Sewaktu Banjir Dan Kaedah Pemulihan Dalam Kalangan Komuniti Kuala Krai, Kelantan, Malaysia.**
Journal Of Techno Social
2018 Google Scholar Co-Author
- 95 **Penggunaan Persamaan Universal Soil Loss Equation Dalam Menganggar Hakisan Tanah di Universiti Pendidikan Sultan Idris: Kajian Kes Kampus Sultan Azlan Shah, Proton City**
Geografi
2018 Malaysian Citation Index Co-Author
- 96 **Water Quality Assessment of Former Tin Mining Lakes for Recreational Purposes in Ipoh City, Perak, Malaysia**
Indonesian Journal of Geography
2018 SCOPUS Co-Author
- 97 **The Development of Housing Model Constructs to Measure the Well-Being of the Residents in Peri Urban Area of Klang Langat Valley Extended Metropolitan Region, Malaysia.**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) Co-Author

- 98 **Indeks Nilai Kepentingan Flora di Jajaran Hijau Kampus Sultan Azlan Shah, Universiti Pendidikan Sultan Idris**
Geografi
2017 Malaysian Citation Index Co-Author
- 99 **Literasi Karbon dalam kalangan Pelajar Sekolah Menengah Rendah: Kajian Kes di Wilayah Persekutuan Putrajaya**
Sains Humanika
2017 Malaysian Citation Index Co-Author
- 100 **Elemen Pengetahuan Literasi Karbon dalam kalangan Pelajar Sekolah Menengah: Pendekatan Analisis Pengesahan Faktor (CFA)**
Geografi
2017 Malaysian Citation Index Co-Author
- 101 **Issues of Rural-Urban Transformation on the Fringe of Metropolitan Region: Several Findings from the Selangor Northern Corridor, Malaysia**
International Journal of Academic Research in Business and Social Sciences
2017 Excellent Research Australia (ERA) Co-Author
- 102 **Impak Banjir Ekstrem 2014 Terhadap Para Peniaga di Bandar Kuala Krai, Kelantan**
Geografi
2017 Malaysian Citation Index Co-Author
- 103 **Flood Aftermath Impact on Business: A Case Study of Kuala Krai, Kelantan, Malaysia**
International Journal of Academic Research in Business and Social Sciences
2017 Excellent Research Australia (ERA) Co-Author
- 104 **Water Quality Assessment of Former Tin Mining Lakes for Recreational Purposes in Ipoh City, Perak**
Indonesian Journal of Geography
2016 SCOPUS Co-Author
- 105 **Bunyi Bising Trafik di Penempatan Terpilih Koridor Utara Negeri Selangor**
EDUCATUM Journal of Social Sciences
2016 Malaysian Citation Index Co-Author
- 106 **Mapping internet coverage in Malaysias university campuses: A case study of the Sultan Idris Education University, Perak**
Geografia – Malaysian Journal of Society and Space
2016 Web of Science Co-Author
- 107 **Transformation of Urban Villages: Preliminary Findings on the Wellbeing of Small City Residents in the Fringe of Malaysian Metropolitan Region**
International Journal of Academic Research in Business and Social Sciences
2016 Excellent Research Australia (ERA) Co-Author
- 108 **WATER-SAVING AMONG SCHOOL STUDENTS IN MALAYSIA**
Jurnal Cakrawala Pendidikan
2021 SCOPUS Co-Author

- 109 **Acceptance and Adequacy of Water Supply Among Flood Victims at the Temporary Evacuation Centres in Kuala Krai, Kelantan, Malaysia**
International Journal of Academic Research in Business and Social Sciences
2020 Excellent Research Australia (ERA) Co-Author
- 110 **The level of STEM knowledge, skills, and values among the students of bachelors degree of education in geography**
International Journal of Evaluation and Research in Education (IJERE)
2020 SCOPUS Co-Author
- 111 **Tahap kesejahteraan penduduk di pinggiran wilayah metropolitan: Kajian kes koridor utara negeri Selangor, Malaysia**
Geografia – Malaysian Journal of Society and Space
2020 Web of Science Co-Author
- 112 **Reauthentication of the Rainfall Region Within Peninsular Malaysia in the Context of Hydroclimatology**
Journal of Critical Reviews
2020 SCOPUS Co-Author
- 113 **Pembinaan Indikator Konstruk Sosioekonomi Bagi Mengukur Kesejahteraan Penduduk Dalam Kawasan Pinggiran Wilayah Metropolitan Lembah KlangLangat, Malaysia**
Geografi
2018 Malaysian Citation Index Co-Author
- 114 **An Analysis of Heavy Metals in Lakes of Former Tin Mining Sites in the City of Ipoh, Perak, Malaysia**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) Co-Author
- 115 **Keberkesanan Program Pemindahan Ilmu Tatacara Menyelamat Sewaktu Banjir dalam Kalangan Komuniti Kuala Krai, Kelantan, Malaysia**
EDUCATUM Journal of Social Sciences
2018 Malaysian Citation Index Co-Author
- 116 **The traditional Malay houses in District of Muallim, Perak: A lost legacy.**
International Journal of Academic Research in Business and Social Sciences
2018 Excellent Research Australia (ERA) Co-Author
- 117 **Analysis of the Collapse Potential of Slope Using the ROM Scale: A Case Study of Sultan Azlan Shah Campus, Sultan Idris Education University, Malaysia**
International Journal of Academic Research in Business and Social Sciences
2017 Excellent Research Australia (ERA) Co-Author
- 118 **Selection and Propagation Methods for Ploiarium Alternifolium, An Indigenous Tree Species for Slope Control: Case Study of Sultan Azlan Shah Campus, Sultan Idris Education University, Malaysia**
International Journal of Academic Research in Business and Social Sciences
2016 Excellent Research Australia (ERA) Co-Author

SUPERVISION

- 1 Sikap, Inisiatif Dan Regulasi Kendiri Pentadbir Terhadap Pelaksanaan Pendidikan Pembangunan Lestari Di Institut Pendidikan Guru Malaysia
2018 PHD National Supervisor Completed
- 2 MODEL LITERASI AIR PELAJAR SEKOLAH MENENGAH DI MALAYSIA
2023 PHD National Supervisor Presentation
- 3 Pembangunan Model Pengajaran Evigami Berasaskan Gamifikasi Dalam Pendidikan Alam Sekitar
2023 PHD National Supervisor Presentation
- 4 INDEKS LITERASI KELESTARIAN ALAM SEKITAR DALAM KALANGAN BELIA DI MALAYSIA
2023 PHD National Supervisor Presentation
- 5 Pembinaan Indeks Kelestarian Bandar Warisan Di Malaysia
2023 PHD National Co-Supervisor Completed
- 6 Efikasi Dan Kompetensi Guru Dalam Pelaksanaan Pendidikan Moral Di Sekolah Menengah Kebangsaan
2023 PHD National Co-Supervisor Presentation
- 7 A CASE STUDY OF SPATIAL COGNITION THROUGH THE UNDERSTANDING OF MAPS AMONG PRESCHOOLERS
2023 PHD National Co-Supervisor Presentation
- 8 Tingkah Laku Pro Alam Sekitar Dalam Kalangan Pengunjung Kawasan Rekreasi Air Di Daerah Hulu Selangor, Selangor
2022 Master National Supervisor Completed
- 9 Amalan Penggunaan Air Secara Lestari : Kajian Kes Dalam Kalangan Pelajar Tingkatan Empat Di Daerah Kinta Utara, Perak
2018 Master National Supervisor Completed
- 10 Pembinaan Model Literasi Karbon Pelajar Peringkat Sekolah Menengah Di Wilayah Persekutuan Putrajaya
2018 Master National Supervisor Completed
- 11 Pembinaan Petunjuk Kesejahteraan Hidup Di Pinggiran Wilayah Metropolitan Lanjutan Lembah Klang Langat
2019 Master National Co-Supervisor Completed
- 12 Pengetahuan, Sikap Dan Tingkah Laku Kelestarian Alam Sekitar Dalam Kalangan Guru Prasekolah Di Pahang
2023 Master National Co-Supervisor Completed

CONSULTATION

1	Review Article GEOGRAFIA UKM	2023	Geografia-Malaysian Journal of Society and Space	Completed
2	Pemeriksa Disertasi Kedoktoran	2022	Universitas Negeri Semarang	Completed
3	Review Article IJECC	2022	International Journal of Environment and Climate Change	Completed
4	Review Article	2022	MDPI Publisher	Completed
5	Reviewer Article	2022	Universiti Putra Malaysia	Completed
6	Reviewer Article Sustainability	2022	MDPI Publisher	Completed
7	Reviewer Article Sustainability	2022	MDPI Publisher	Completed
8	Reviewer Article	2022	Universiti Kebangsaan Malaysia	Completed
9	Review Article	2022	Geografia-Malaysian Journal of Society and Space	Completed
10	Review Article	2021	GEOGRAFIA, UKM	Completed
11	Review Article	2021	MDPI Publisher	Completed
12	Review Article	2020	Review of International Geographical Education Online	Completed
13	Review Article	2020	Indonesian Journal of Geography	Completed
14	Reviewer Article	2020	International Journal of Social Learning (IJSLS)	Completed
15	Review Article	2020	Asia-Pacific Social Science Review	Completed
16	Review of International Geographical Education Online	2020	Review of International Geographical Education Online	Completed

17	Review Article	2020	Asia-Pacific Social Science Review	Completed
18	International Educational Research	2020	IDEAS SPREAD INC, New York	Completed
19	Review Article	2019	GEOGRAFIA, UKM	Completed
20	Reviewer IGEOs_UPSI	2019	UPSI-UPI	Completed
21	Review Article	2019	Geografia, UKM	Completed
22	Reviewing Article	2018	SCIENCEDOMAIN International	Completed
23	Reviewer Research Hub	2018	Research Hub	Completed
24	Pewasit Artikel Jurnal Geografi 5 (1)	2017	UPSI	Completed
25	Pewasit Artikel 11 Jurnal Geografi 5 (2)	2017	UPSI	Completed
26	Pewasit Artikel Jurnal Geografi 5(2)	2017	UPSI	Completed
27	Penilai Manuskrip Journal of Engineering UKM	2016	UKM	Completed
28	Penilai Disertasi Sarjana	2021	Universiti Pendidikan Sultan Idris	Completed
29	Editor Jurnal IPGM	2021	Institut Pendidikan Guru Malaysia (IPGM)	Completed
30	Panel Penilai Penulisan Artikel INSTUN 2021	2021	Institut Tanah dan Ukur Negara (INSTUN)	Completed
31	Reviewer Article INSTUN	2020	Institut Tanah dan Ukur Negara (INSTUN)	Completed
32	Jawatankuasa Semakan Program ISMP	2018	UPSI	Completed
33	Pewasit Artikel 2 Jurnal Geografi 6 (1)	2018	UPSI	Completed

34	Pewasit Artikel Jurnal Geografi 6 (1)	2018	UPSI	Completed
35	Penilai Penyelidikan dan Penulisan Ilmiah INSTUN	2018	Institut Tanah dan Ukur Negara (INSTUN)	Completed
36	Jawatankuasa Semakan Program ISMP	2018	UPSI	Completed
37	Pewasit Artikel Jurnal Geografi 6 (1)	2018	UPSI	Completed
38	Editor Jurnal EDUCANTUM (Sains Sosial)	2017	Universiti Pendidikan Sultan Idris	Completed
39	Pewasit Artikel Geografi Vol 4	2016	UPSI	Completed
40	Pewasit Artikel Geografi Vol 4 (2)	2016	UPSI	Completed
41	Pewasit Artikel Geografi Vo 4 (1)	2016	UPSI	Completed
42	Pewasit Artikel Geografi Vol 4 (1)	2016	UPSI	Completed
43	Panel Penilai Geran Penyelidikan FRGS	2022	Universiti Pendidikan Sultan Idris	Completed
44	Panel Penilai Geran GPUPB	2020	Fakulti Sains Kemanusiaan, UPSI	Completed
45	Panel Penilai Geran Penyelidikan Pendidikan Berasaskan Pendidikan	2020	Pusat Pengurusan Penyelidikan dan Inovasi, UPSI	Completed
46	Panel Penilai Geran FRGS 2020	2020	Fakulti Sains Kemanusiaan, UPSI	Completed
47	Penilai Geran Penyelidikan Universiti Fundamental	2019	FSK, UPSI	Completed
48	Penilai Buku	2018	UPSI	Completed
49	Pemeriksa Dalaman Tesis Siswazah Ijazah Sarjana UPSI	2017	Institut Pengajian Siswazah, UPSI	Completed
50	Penilai Dalaman Pra Viva Penyelidikan Peringkat Sarjana	2017	Fakulti Sains Kemanusiaan	Completed

51	Penilai Proposal Penyelidikan Ijazah Doktor Falsafah	2017	Fakulti Sains Kemanusiaan	Completed
52	Penilai Proposal FRGS	2017	Fakulti Sains Kemanusiaan	Completed
53	Penilai Proposal FRGS 2	2017	Fakulti Sains Kemanusiaan	Completed
54	Penilai Proposal FRGS 3	2017	Fakulti Sains Kemanusiaan	Completed
55	Penilai Proposal Geran Penyelidikan Khas Universiti Berteraskan Pendidikan	2017	Fakulti Sains Kemanusiaan	Completed
56	Penilai Proposal Geran Galakan Penyelidikan Fasa 1 UPSI	2017	Fakulti Sains Kemanusiaan, UPSI	Completed
57	Penilai Proposal GPU Khas 2016	2016	Fakulti Sains Kemanusiaan, UPSI	Completed
58	Penyelaras Kursus Pemantapan Kerja Kursus Geografi PT3	2016	Fakulti Sains Kemanusiaan, UPSI	Completed
59	Penilai Proposal GPU Fasa 2/ 2016	2016	Fakulti Sains Kemanusiaan, UPSI	Completed
60	Penilai Proposal GPU Fasa1/2016	2016	Fakulti Sains Kemanusiaan, UPSI	Completed
61	Editorial Board Jambura Geo Education Journal (JGEJ)	2023	Universitas Negeri Gorontalo, Indonesia	In Progress
62	Editor Board International Journal of Social Learning	2021	Journal of Social Learning	In Progress
63	Ketua Editor Jurnal Penyelidikan Ilmu Pendidikan	2023	Institut Pendidikan Guru Malaysia	In Progress
64	Editor Jurnal INSTUN	2022	Institut Tanah dan Ukur Negara (INSTUN)	In Progress
65	Pemeriksa Luar Tesis Ijazah Doktor Falsafah	2022	Universiti Malaysia Sabah	In Progress
66	Editor Jurnal INSTUN	2020	INSTUN	In Progress
67	Editor Jurnal EDUCANTUM Sains Sosial	2017	UPSI	In Progress

68	Editor Jurnal INSTUN	2017	INSTUN,Kementerian Sumber Asli & Alam Sekitar	In Progress
69	Pemeriksa Disertasi Peringkat Sarjana	2021	Universiti Pendidikan Sultan Idris	In Progress
70	Katua J/Kuasa Program Baharu FSK	2020	Fakulti Sains Kemanusiaan, UPSI	In Progress
71	Penilai Dalaman Tesis Peringkat Sarjana	2020	Universiti Pendidikan Sultan Idris	In Progress
72	Katua J/Kuasa Program Baharu FSK	2020	Fakulti Sains Kemanusiaan, UPSI	In Progress
73	Pemeriksa Dalaman Tesis PhD	2019	UPSI	In Progress
74	Penyelaras JkuasaSemakan Kurikulum Program Pengajian Siswazah	2019	UPSI	In Progress
75	Penilai Proposal FRGS 4	2017	Fakulti Sains Kemanusiaan	In Progress
76	Pemeriksa Dalam Tesis Siswazah Ijazah Doktor Falsafah	2017	Institut Pengajian Siswazah, UPSI	In Progress
77	Jawatankuasa Task Force Program Baharu Jabatan Geografi dan Alam Sekitar	2017	Jabatan Geografi dan Alam Sekitar, Fakulti Sains Kemanusiaan, UPSI	In Progress
78	Penyelaras Program Baharu Sarjana Geografi (Mod B & Mod C)	2016	Fakulti Sains Kemanusiaan, UPSI	In Progress

AWARD / RECOGNITION

- 1 GaG PAQNY MEDIA ALAT BANTU MENGAJAR DALAM PEMBELAJARAN GEOGRAFI
2022 International INNOVATORS 2022 Gold
- 2 Best Paper 1st INTERNATIONAL CONFERENCE ON SOCIAL STUDIES AND CITIZENSHIP
2021 International Department of Social Studies & Citizenship, Faculty of Human Sciences UPSI
- 3 GaG Paqny Media Alat Bantu mengajar Dalam Pembelajaran Geografi
2022 National INNOVATORS 2022 Gold
- 4 Pembinaan Alat Bantu Mengajar Bagi Elemen Kemahiran Geografi Menggunakan Android
2020 National Karnival Penyelidikan & Inovasi eCRI2020 Gold
- 5 Kertas Kerja Terbaik – E-SEMINAR PENYELIDIKAN KEBANGSAAN 2022
2022 National FPE, UPSI
- 6 ANUGERAH KERTAS KERJA TERBAIK
2021 National E SEMINAR PENYELIDIKAN KEBANGSAAN 2021 (SPK 2021)
- 7 Sijil Penghargaan Perkhidmatan Cemerlang
2022 University Universiti Pendidikan Sultan Idris
- 8 Anugerah Perkhidmatan Cemerlang 2017
2018 University Universiti Pendidikan Sultan Idris