




DR. MOHD AZMEER ABU BAKAR

Geography Section
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BIOGRAPHY

Mohd Azmeer Abu Bakar is a senior lecturer at the School of Humanities, Universiti Sains Malaysia. His research interest is human Geography, poverty, socioeconomic issues, and ecosystem services. Currently, he is Reserve Officer Training Unit (ROTU) in PALAPES Universiti Sains Malaysia.

AREAS OF EXPERTISE

- HUMAN GEOGRAPHY
- POVERTY
- SOCIOECONOMIC ISSUE
- ECOSYSTEM SERVICES

ACADEMIC QUALIFICATION

- **PHD (USM) (2020), (Geography)**
Universiti Sains Malaysia (USM)
- **MA (USM) (2013), (Geography Information Sciences)**
Universiti Sains Malaysia (USM)
- **BA (HONS) (USM) (2011), (Geography)**
Universiti Sains Malaysia (USM)

ADMINISTRATIVE DUTIES

- Committee member of Website School of Humanities
- Treasurer of the Welfare Club School of Humanities

AWARDS AND STEWARDSHIP

- Framework Digital Society and Impact on Cybercrime, Toronto International Society of Innovation & Advanced Skills (TISIAs), iCAN 2023 "The 8th Edition ", 2023 (International)- Gold Medal
- Excellence in Innovation AWARD, SPT-Sim, Toronto International Society Of Innovation & Advanced Skills (Tisias)Tisias – Canada, 2022 (International)-Gold Medal
- Excellence in Innovation AWARD, SPT-Sim, Toronto International Society Of Innovation & Advanced Skills (Tisias)Tisias – Canada, 2022 (International)-Gold Medal
- SPT-Sim, International Invention Innovation Competition in Canada, iCAN 2022, 7th International Invention Innovation Competition in Canada, iCAN 2022, 2022 (International)-Gold Medal
- Framework for Connecting 17 Sustainable Development Goals (SDGs), International Invention Innovation Competition in Canada, iCAN 2022, 7th International Invention Innovation Competition in Canada, iCAN 2022, 2022 (International)-Gold Medal

PUBLICATIONS

Article in Journal

WoS

- Mohammed Hamid Rasool, Mohd Remy Rozainy Bin Mohd Arif Zainol, Norazian Mohamed Noor, Mohd Sharizal Bin Abdul Aziz, Mohd Hafiz Zawawi, Muhammad Khairi A. Wahab, Mohd Azmeer Bin Abu Bakar. (2023). Hydrosuction Siphon System to Remove Particles Using Fan Blades. *Water*, 15/3; 515 [ISI]

ESCI

- Mohd Azmeer Abu Bakar, Asyirah Abdul Rahim, and Mohammad Izzamil Mohd Nasir. (2020). Pengetahuan terhadap Perkhidmatan Ekosistem dan Sumbangannya kepada Kehidupan Komuniti di Kuala Sepetang, Perak. *Malaysian Journal of Society and Space*, 16(1), 139–154. [Emerging Sources Citation Index (ESCI)]

Scopus

- Narimah Samat, Mohd Amirul Mahamud, Mohamamad Javad Maghsoodi Tilaki, Mohd Azmeer Abu Bakar, Tan Mou Leong, and Norzilawati Mohd Noor. (2021). Investigating Urban Growth Boundary as Mechanism to Plan for Sustainable Urban Development. *Journal of Planning Malaysia*, 19/4; 257-268
- Mohd Azmeer Abu Bakar, Narimah Samat, Nik Soriani Yaacob (2021). Spatial accessibility to health care services among children with cerebral palsy in Johor, Peninsular Malaysia, *Journal of Geospatial Health*, 16: 987
- Hafizah Rosli, Narimah Samat, Mohd. Azmeer Abu Bakar (2024). Assessing Job Accessibility and Sustainable Mobility among Low-income Groups in Penang, Malaysia. *Periodica Polytechnica Transportation Engineering*
- Hafizah Rosli, Narimah Samat, Mohd Azmeer Abu Bakar (2024). Accessibility to Workplace and Housing Location among Low- income Group: A Case Study of Pulau Pinang, Malaysia. *Planning Malaysia Vol. 22 (1)*, 96-109.
- Nur Suhaili Mansor, Anna Bluszcz, Hapini Awang, Sarkin Tudu Shehu Malami, Mohd Azmeer Abu Bakar, Rizatulazri. (2024). Application of the GIS visual interpretation technique in monitoring air pollution and changes in land use during urban development. *Inzynieria Mineralna*. [Accepted]

Others

- Mohd Azmeer Abu Bakar, Asyirah Abdul Rahim, Mohd Izzamil Mohd Nasir. (2022). Understanding the Importance of Provisioning Ecosystem Services in Natural Resource-Dependent Poor Household: A Case Study of Jerlun, Kedah, International Journal of Academic Research in Business and Social Sciences, 12(9), 339-354. [ERA]
- Norhayati Mat Ghani, Mohd Azmeer Abu Bakar, Hafizah Rosli. (2023). Cybercrime Experience's Impact on Women's Emotion: A case study in Penang. Malaysian Journal of Tropical Geography 49 (2). 48-67 [ERA]
- Norhayati Mat Ghani, Mohd Azmeer Abu Bakar. (2023). Women's Engagement in social media and their Susceptibility to Cybercrime Victimization. International Journal of Academic Research in Business and Social Sciences, 13(9). 527-541 [ERA]
- Mohd Amirul Bin Mahamud, Aisyah Zulaikha Binti Roslan, Mohd Azmeer Abu Bakar, Azli Bin Abdullah, Ita Mardiani Zain. (2023). Awareness and Adaptation Responses on Climate Change in Malaysia. Journal of Asian Geography, 2, 23-26
- Mohamad Aizuddin Bin Mah Hassan, Mohd Amirul Bin Mahamud, Mohd Azmeer Abu Bakar, Mohd Remy Rozaini Bin Mohd Arif Zainol, Dian Ayu Larasati. (2023). Awareness of Climate Change and Environmental Issues among Farmers in Kelantan, Malaysia. Journal of Asian Geography, 2, 40-44

Chapter in Books

- Mohd Azmeer Abu Bakar, Asyirah Abdul Rahim dan Mohammad Izzamil Mohd Nasir. (2020). Corak Penggunaan Sumber Semula Jadi dalam Kalangan Isi Rumah Miskin di Kawasan Luar Bandar. Dalam Norhuda Salleh & Kasim Mansur. Pembangunan Sumber di Luar Bandar (pp. 86-107). Kota Kinabalu, Sabah: Penerbit Universiti Malaysia Sabah. [Berwasit]

Article in Proceeding

- Hafizah Rosli, Narimah Samat and Mohd Azmeer Abu Bakar. 2023. The Sustainability of Transport Mode Choice among B40 Group in Urban Area: A case study of Penang Island, Malaysia. [Scopus Proceeding]
- Mohd Azmeer Abu Bakar and Asyirah Abdul Rahim. (2020). Factors Influencing land utilization among poor rural household in Kedah, Malaysia. Published in The European Proceedings of Social & Behavioral Sciences. [Scopus Index Proceeding]
- Mohd Azmeer Abu Bakar and Asyirah Abdul Rahim. (2018). Kebun Dapur Sebagai Strategi Pengurangan Kemiskinan dalam kalangan Isi Rumah Miskin Luar Bandar di Jerlun, Kedah. E- proceedings International Conference on Sustainability, Humanities and Civilization (ICSHAC, 2018)

RESEARCH PROJECT

International

- Asyirah Binti Abdul Rahim, Anisah Lee Binti Abdullah, Darshan Singh A/I Mahinder Singh, Japareng Bin Lalung, Mohd Azmeer Bin Abu Bakar, Mohd Hafizal Bin Mohd Isa, Muzaimi Mustapha, Nur Syazwana Binti Hamzah, Sharifah Rohayah Binti Sheikh Dawood, Circular - Circular Economy Living Laboratories Supporting Social Innovation in Southeast Asia, 01/01/2023-31/12/2025.
- Narimah Samat (Project Leader), Md Azlin Said, Tan MouLeong, Mohd Amirul Mahamud and Mohd Azmeer Abu Bakar, Geomatics for Disaster Risk Reduction Recovery, Erasmus+ KA2 Grant, 15 Nov 2020 – 14 Nov 2023.
- Asyirah Abdul Rahim, Muzaimi Mustapha, Darshan Sigh and Mohd Azmeer Abu Bakar, Research Officer, Project Bridging Knowledge Cultures: The Knowledge for Change (K4C) Global Consortium on Training of CBPR lead by Professor Budd Hall, UNESCO Chair on Community based Research and Corporate Social Responsibility in Higher Education di University of Victoria, Kanada. USM sub-grant, June 2021-Oktober 2021
- Mohd Remy Rozainy Bin Mohd Arif Zainol, Mohamad Anuar Bin Kamaruddin, Mohamad Fared bin Murshed, Mohd Azmeer Bin Abu Bakar, Mohamad Fazly Bin Yusof, Mohd Sharizal Bin Abdul Aziz, Nuridah Binti Sabtu. A Study of Pump Sump Physical Model and Numerical Simulation

National

- Mohd Azmeer Bin Abu Bakar, Narimah Samat, Asyirah Binti Abdul Rahim, Mohamad Pirdaus Bin Yusoh, Nurul Syifaa Binti Mohd Shakil, Mohd Amirul Mahamud. Pembentukan Kerangka Penggunaan Manfaat Alam Sekitar dalam Mempengaruhi Dinamika Kemiskinan Luar Bandar. [01/10/2023 – 30/09/2025]

University

- Mohd Azmeer Bin Abu Bakar, Asyirah Binti Abdul Rahim, Mohd Amirul Bin Mahamud. Mengkaji Impak Penambakan Pinggir Laut Terhadap Sosioekonomi dan Adaptasi Penduduk Nelayan di Pulau Pinang [01/08/2023-31/07/2025]
- Mohd Amirul Bin Mahamud, Mohd Azmeer Bin Abu Bakar, Saidatulakmal Binti Mohd, Siti Izaidah Binti Azmi, Tan Mou Leong, Integrating GIS Spatial Dimension into Sustainability Initiatives Inclusivity Assessment at the University Level 01/02/2023- 31/01/2024]

CONSULTANCY PROJECT

- Nur Janatun Naim Jemali, Cik Kyiaratul Shafinie Abdul Majid, Mohd Azmeer Abu Bakar, Perkhidmatan Penyediaan Kajian Semula Rancangan HCVF Rafflesia Kerii di Hutan Simpan Lojing. 20/9/2023 – 20/11/2023. (State)
- Mohd Amirul Bin Mahamud, Mohd Azmeer Bin Abu Bakar, Tan Mou Leong, Eco-Wudhu': Green Action of Islamic Ablution and GIS River Management, Water Watch Penang (WWP), 01/06/2023 - 31/05/2024, (State)
- Mohd Azmeer Bin Abu Bakar, Mastura Binti Jaafar @ Mustapha, Mohd Amirul Bin Mahamud, Tan Mou Leong, Asyirah Binti Abdul Rahim, Narimah Binti Samat, To Conduct a Review on Impact of Covid-19 on NCER's Key Sectors & Stakeholders and Propose Mitigation Strategies, Projects & Programmes, Implementation Plan, PricewaterhouseCoopers Advisory Services Sdn Bhd, 22/11/2021 - 16/05/2022, (National)
- Abdul Rais Bin Abdul Latiff, Narimah Binti Samat, Mohd Amirul Bin Mahamud, Mohd Azmeer Bin Abu Bakar, Badrul Hisham Bin Yahaya, Saidatulakmal Binti Mohd, Baseline of Vulnerable Families, and Individuals in Penang, Pejabat Setiausaha Kerajaan Negeri Pulau Pinang, 15/12/2021 - 16/12/2022, (National)

PAPER PRESENTED

Conference

- Awareness of Climate Change and Environmental Issues among Farmers in Kelantan, Malaysia. International Conference on Society, Space and Environment [16/11/2022-16/11/2022]

ACADEMIC/PROF. SERVICES

Evaluation

- (2022) Wen Wan, Factors Influencing Public Bus Station Configuration on Passengers Intention to Choose Public Transportation: A case study of Lanzhou City, China, Ma(Sustainable Cities and Communities), University, (Internal Examiner)
- (2022) Appointment as Visiting Lecturer for the School of Environmental Science & Engineering, Chang'an University China (01/12/2022 – 30/11/2025)
- (2022) Invitation as visiting Lecturer to Faculty of Marine Technology, Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia

Contribution to external organisation

- (2023) Member of panel, Garis Panduan Ekopelancongan di Pulau Pinang. Plan Malaysia Pulau Pinang
- (2023) Jury in FBM Innovation and Biz Pitch Fest, Universiti Institut Teknologi Mara (UITM), Shah Alam

SUPERVISION

PhD

- (2022) Muhd Hazwan Hisyam Bin Abu Hassan, Doctor of Philosophy, Research - Full Time, An Integrated Flood Risk Management (IFRM) Framework for Cities Prone to Recurring Floods., Co-supervisor (AKTIF)

Master

- (2023) Soleha Binti Jasni, 2023, [AKTIF]
- (2024) Muhammad Rahim bin Zaidi, 2024, [AKTIF]

TEACHING

Master

- HGT 514 – Research Methodology
- HGP 509 - Dissertation

Bachelor

- HGA101 – Pengantar Geografi
- HGM 101 – Geografi Manusia
- HGG 251 – Geografi Ruangan
- HGW 372E – Geography of Asean and Asia Pacific
- HGT 342 – Kaedah Penyediaan dan Kajian Luar Geografi
- HGP 309 – Projek Tahun Akhir
- HGM 430 – Pemikiran Geografi

SOCIAL RESPONSIBILITY ACTIVITIES

- (2023) Co-researcher, Sharing & Change visit bagi Penilaian Perkhidmatan Ekosistem Kawalan Iklim Global di bawah Projek TESSA
- (2023) Jemputan sebagai fasilitator untuk Program the Future Invators
- (2023) Lantikan sebagai Ahli Jawatankuasa pelaksana Simposium Perkongsian Hasil Kajian Penilaian Perkhidmatan Ekosistem di Rangkaian Ekologi Central Forest Spine (CFS) Menggunakan Toolkit for Ecosystem Services Sited-based Assessment (TESSA)
- (2023) Pegawai Sukarela PALAPES di Universiti Sains Malaysia
- (2022) Lantikan sebagai Rapporteur bagi Bengkel Pelan Tindakan Bandaraya Mesra Kanak-Kanak Petaling Jaya (PJ CFCI)
- (2022) Jemputan Bengkel Persediaan untuk kajian Penilaian Perkhidmatan Ekosistem Perlancongan Berasaskan Alam Semula jadi di Tanah Bencah Setiu (Setiu Wetland) Terengganu.