



PROF. MADYA TS. DR. ZUL ILHAM BIN ZULKIFLEE LUBES

Felou Utama / *Principal Fellow*

Pusat Kajian Sains & Alam Sekitar (KIAS) / *Centre for Science & Environment Studies (KIAS)*

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Kelulusan Akademik *Academic Qualification*

B.Sc. Hons. (Biotechnology), Universiti Malaya
M.Sc., Kyoto University
Doctor in Energy Science (Ph.D.), Kyoto University

Bidang Kepakaran *Area of Expertise*

Tenaga dan Alam Sekitar / *Energy and Environment*
Sains Biojisim / *Biomass Science*
Prinsip Islam dalam Strategi Kemampanan / *Islamic Principles in Sustainability Strategies*

Penerbitan *Publications*

- 1) Ilham, Z. (2025). Challenges of environmental justice in the decarbonization of development projects. In M.S. Huda, S. Seah, Q. Jiahui (Eds.) *Energy and Decarbonization in Southeast Asia*, volume 2, pp 62-79. ISEAS - Yusof Ishak Institute.
- 2) Ilham, Z., Sohedein, M. N. A., Taufek, N. M., & Wan, W. A. A. Q. I. (2025). Forest fungi from the jungle to the factory: Recent biofuel developments. In A.M.A. Azeem, M. Gryzenhout, S. Ghosh and T.A. Mohammed (Eds.), *Forest Fungi*, pp 415-423. Academic Press (<https://doi.org/10.1016/B978-0-443-18870-1.00020-2>)
- 3) Ilham, Z. (2024). A decade in advancing environmental stewardship in Asia. *UMCares*. (https://ebook.um.edu.my/fsainsi/ASEP_EBOOK_V10/)
- 4) Ilham, Z., & Kamaruzuki, M. N. (2024). Commitment to sustainability: a case study of green energy and sustainability initiatives at an American university. *Journal of Energy and Safety Technology (JEST)*, 7(2), 1-9.
- 5) Lim, T. C., Ilham, Z., & Wan, W. A. A. Q. I. (2024). Production of Ganodiesel from the biomass of *Ganoderma lucidum* in air-L-shaped bioreactor (ALSB). *Heliyon*, 10(15).

Anugerah *Award*

- 1) Scholars Program on EU-ASEAN Relations (SPEAR) Fellowship, 2024
- 2) Fulbright Visiting Scholar (Visiting Associate Professor, Cornell University), 2022
- 3) ASEAN Outstanding Science Diplomat, 2021

Keanggotaan Profesional *Professional Membership*

- 1) Teknologis Profesional, Lembaga Teknologis Malaysia (MBOT)
Professional Technologist, Malaysia Board of Technologists (MBOT)
- 2) Pengurus Tenaga Bertauliah, Sistem Pengurusan Tenaga dan Akreditasi ASEAN (AEMAS)
Certified Energy Manager, ASEAN Energy Management and Accreditation System (AEMAS)
- 3) Timbalan Pengerusi, Persatuan Alumni Kyoto Malaysia (MyKyoto)
Deputy Chairman, Kyoto Alumni Association Malaysia (MyKyoto)
- 4) Ahli Persatuan ESG Kebangsaan
Member, National ESG Association Malaysia