Senarai Penerbitan LESTARI 2025

Buku|Books

1. **Ahmad Fariz Mohamed**. 2025. *Tiga Dasawarsa Lestari: Membudayakan Kelestarian*. Bangi: Penerbit UKM.
2. Sharifah Norkhadijah Syed Ismail, Nurulain Mustafa Udin & **Aida Soraya Shamsuddin**. 2025. *Matlamat Pembangunan Mampan: Perspektif Malaysia Siri 1*. Serdang: Penerbit UPM.
3. Wan Zawiah Wan Zin @ Wan Ibrahim, **Muhammad Rizal Razman** & NorBahiah Misran. 2025. *Inovasi Teknologi untuk kelestarian alam sekitar*. Bangi: Penerbit UKM.

Bab Dalam Buku | Chapters in Book

1. Abdul Basit, Faiz Ul Hassan, Wudu Abiye, Mishal Kainat, Kashif Ali Khan, Muhammad Amjad Bashir, Ijaz Ahmad, **Mir Sujaul Islam**, Mohd Ekhwan Hj. Toriman & Abdur Rehim. 2025. Bioenergy crops: cultivation practices and yield optimization. dlm. *Bioenergy: Sustainable Solutions for a Greener Planet*. Amerika Syarikat: ACS Publications, hlm. 41-65.
2. **Ahmad Fariz Bin Mohamed**. 2025. Enhancing sustainable behavior in waste management: a social perspective. dlm. *EcoDesign for Circular Value Creation: Volume I*. Switzerland: Springer, hlm. 177-193.
3. **Ahmad Fariz Bin Mohamed**. 2025. Material flow analysis for the biomass waste management of palm oil mills with regard to sustainable palm oil production. dlm. *EcoDesign for Circular Value Creation: Volume I*. Switzerland: Springer, hlm. 383-392.
4. **Ahmad Fariz Bin Mohamed**. 2025. Plastic packaging policy in Malaysia: an analysis towards the implementation of extended producer responsibility (EPR). dlm. *EcoDesign for Circular Value Creation: Volume I*. Switzerland: Springer, hlm. 215-227.
5. **Ahmad Fariz Bin Mohamed**. 2025. Tiga dasawarsa menyampaikan dan memantapkan ilmu dan budaya kelestarian. dlm. *Tiga Dasawarsa LESTARI: Membudayakan Kelestarian*. Bangi: Penerbit UKM, hlm. 23-36.
6. **Ahmad Fariz Mohamed, Abdul Samad Hadi, Shaharuddin Idrus, Shaharudin Mohamad Ismail, Nuriah Abdul Majid & Nurfashareena Muhamad.** 2025. Peralihan pembandaran: pengalaman Wilayah Perbandaran Lanjutan Mega Kuala Lumpur (KLEMUR). dlm. *Tiga Dasawarsa LESTARI: Membudayakan Kelestarian*. Bangi: Penerbit UKM, hlm. 154-177.
7. **Aida Soraya Shamsuddin, Aziemah Zulkifli,** Najihah Zainol Abidin, Ayuni Nabilah Alias, Rosli Muhammad Naim, Maisarah Abdul Mutalib, Nor Hafizah Zakaria, Nur Maizatul Idayu Othman, Nurulain Mustafa Udin, Dayana Hazwani Mohd Suadi Nata, Sharifah Norkhadijah Syed Ismail & Nurfashareena Muhamad. 2025. Plastic waste management in developing countries: challenges, strategies, and opportunities. dlm. *A Vision for Environmental Sustainability: Overcoming Waste Management Challenges in Developing Countries*. Switzerland: Springer, hlm. 115-166.
8. Ajimi Jawan, Viduriati Sumin, **Mazlin Mokhtar & Goh Choo Ta**. 2025. Motivating community-based water pollution prevention in Sabah: lessons learned. dlm. *Safeguarding Water Quality for a Sustainable Malaysia*. Putrajaya: JAS Malaysia, hlm. 340-352.
9. Faiz Ul Hassan, Abdul Basit, **Mir Sujaul Islam,** Wudu Abiye, Mohd Ekhwan Hj. Toriman, Raheel Ahmad, Muhammad Amjad Bashir, Abdur Rehim & Hafiz Muhammad Ali Raza. 2025. Effects of environmental interactions with soil and water management to promote agricultural sustainability. dlm. *Soils and Sustainable Agriculture: Interplay of Soil, Plant, Water and Environmental Systems for Sustainable Agriculture*. Switzerland: Springer, hlm. 321-335.
10. Faiz Ul Hassan, **Mir Sujaul Islam,** Abdul Basit, Raheel Ahmad, Abdiwahid Ali Dhakane, Mohd Ekhwan Hj. Toriman, Muhammad Amjad Bashir, Abdur Rehim & Fazal Maqsood. 2025. Soil health

assessment strategies and future perspectives towards a sustainable agriculture. dlm. *Soils and Sustainable Agriculture: Interplay of Soil, Plant, Water and Environmental Systems for Sustainable Agriculture*. Switzerland: Springer, hlm. 295-319.

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13. Fazal Maqsood, **Mir Sujaul Islam,** Ayesha Hussain, Anam Naz, Muhammad Tayab, Ali Ijaz Ahmad, Muhammad Umair, Faiz Ul Hassan & Mohd Ekhwan Toriman. 2025. Soil-plant-atmosphere continuum and its relevance to crop production. dlm. *Soils and Sustainable Agriculture: Interplay of Soil, Plant, Water and Environmental Systems for Sustainable Agriculture*. Switzerland: Springer, hlm. 399-433.
14. **Goh Choo Ta & Mohamad Mahathir Amir Sultan.** 2025. Classification tool for chemical mixture: penyelesaian digital untuk pematuhan peraturan pengelasan, pelabelan dan helaian data keselamatan bahan kimia berbahaya 2013. dlm. *Inovasi Teknologi untuk Kelestarian Alam Sekitar*. Bangi: Penerbit UKM, hlm. 85-103.
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16. **Joy Jacqueline Pereira, Nurfashareena Muhamad,** Elanni Affandi, **Choun-Sian Lim** & Muhammad Firdaus Ammar Abdullah. 2025. Membina daya tahan bencana dalam era perubahan iklim untuk pembangunan lestari. dlm. *Tiga Dasawarsa LESTARI: Membudayakan Kelestarian*. Bangi: Penerbit UKM, hlm. 118-133.
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18. **Lee Khai Ern,** Aimul Rasyidah Rahim, Noor Zarina, Goh Thian Lai, **Mazlin Mokhtar**, Wan Abd Rahim Wan Abdullah, Huzaini Husain & Raja Baharuddin Raja Mamat. 2025. Securing Malaysia's Water Future: Innovative Wastewater Reclaimation and Reuse for Enhanced Water Security. dlm. *Safeguarding Water Quality for a Sustainable Malaysia*. Putrajaya: JAS Malaysia, hlm. 174-196.
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23. **Nor Diana Mohd Idris** & Muhd Ridzuan Zainol. 2025. Pembangunan pertanian bersepadu di Malaysia: ke arah pembangunan pertanian lestari. dlm. *Isu Kelestarian: Komuniti Orang Asli di Malaysia*. Bangi: Penerbit UKM, hlm. 134-153.
24. Nor Hafizah Mohd Firzer, Khadijah Alavi & **Sharina Abdul Halim.** 2025. Kesejahteraan hidup warga emas temuan. dlm. *Isu kelestarian: komuniti Orang Asli di Malaysia.* Bangi: Penerbit UKM, hlm. 42-54.
25. **Norhayati Ahmad, Wan Daraputri Razali & Ibrahim Komoo**. 2025. Penyelidikan & pembangunan geotaman: dari Pusat Penyelidikan Langkawi ke Pusat Penyelidikan Geotaman. dlm. *Tiga Dasawarsa LESTARI: Membudayakan Kelestarian*. Bangi: Penerbit UKM, hlm. 272-284.
26. **Nurfashareena Muhamad, Aida Soraya Shamsuddin, Lim Choun Sian & Joy Jacqueline Pereira**. 2025. Disaster legislation in Malaysia: a scoping review. dlm. *Disaster Law Implications to Governance and Implementation*. Switzerland: Springer, hlm. 149-170.
27. **Nuriah Abd Majid & Ruslan Rainis.** 2025. Menghubungkan peta dan pembangunan: visualisasi transformasi SDG melalui GIS di Malaysia. dlm. *Tiga Dasawarsa LESTARI: Membudayakan Kelestarian*. Bangi: Penerbit UKM, hlm. 232-259.
28. Nurulain Mustafa Udin, **Aida Soraya Shamsuddin,** Ayuni Nabilah Alias, Putri Anis Syahira Mohamad Jamil & Norwahida Yakub @ Yaakub. 2025. Kesan penyakit pekerjaan di sektor pertanian terhadap kemiskinan luar bandar. dlm. *Matlamat Pembangunan Mampan: Perspektif Malaysia Siri 1*. Serdang: Penerbit UPM, hlm. 34-43.
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30. **Sarah Aziz Binti Abdul Ghani Aziz.** 2025. Weaving mandates to create a stewardship tapestry. dlm. *Safeguarding Water Quality for a Sustainable Malaysia*. Putrajaya: JAS Malaysia, hlm. 60-88.
31. **Sarah Aziz,** Siti Zuhaili Hasan, Khadijah Imam Supaat, Fatihah Suja' & Noor Ezlin Ahmad Basri. 2025. Pembentukan Dasar Kampus ke Arah Sisa Sifar: Satu Usul untuk Universiti Awam.hlm. 141-162.
32. **Shaharuddin Mohamad Ismail,** Nurul Hidayah, Shamsul Ariffin & **Ahmad Fariz Mohamed.** 2025. Ke arah bandar hijau: peranan hutan bandar dan hutan pinggir bandar dalam mewujudkan suasana bandar berdaya huni. dlm. *Matlamat Pembangunan Mampan: Perspektif Malaysia Siri 1*. Serdang: Penerbit UPM, hlm. 178-201.
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2. Amin Setyo Leksono, Bagyo Yanuwiadi, Akhmad Rizali, Irfan Mustafa, Tasafima Tesari, Muhamad Imam, Anisa Zairina & **Saiful Arif Abdullah**. 2025. The effect of Streptomyces fradiae strain JB-1 on Bactrocera dorsalis species complex pupal development in various soil levels. *Scientific Reports* 15: 1–12.
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4. Amir Abd Latif, Mohamad Ridzwan Ishak, **Muhammad Rizal Razman**, Noorfaizal Yidris, Mohamed Yusoff Mohd Zuhri, Muhammad Asyraf Muhammad Rizal & Zuliskandar Ramli. 2025. Experimental and numerical analysis of pGFRP and wood cross-arm in latticed tower: a comprehensive study of mechanical deformation and flexural creep. *Scientific Reports* 15(1): 1–28.
5. Andi Aznan Azrawi, Alfian Mubaraq, Shofiyyah Sabilah Al Mustaniroh, **Ahmad Aldrie Amir** & Mohammad Basyuni. 2025. Sustainable management of mangrove forest in Indonesia: Practical and Islamic perspectives. *Islamic Research - The International Journal of Islamic Civilization Studies* 8(2): 95–102.
6. Asma' Jamal & **Sharina Abdul Halim.** 2025. Understanding local community perspectives of mangrove ecosystem disservices in Kuala Selangor, Malaysia. *Bulletin of Marine Science* 101(3): 1497–1522.
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11. Kian Lam Tan, **Chen Kim Lim,** Heng Wei Lee & Racheal Poh. 2025. Gamified augmented reality mobile application for interactive digital heritage experience at Kellie's Castle Malaysia. dlm. *Transitioning from Digital Technologies to the Digital Society*.
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38. **Norhayati Ahmad.** 2025. Apa itu Lenggong Geopark. dlm. *Townhall Aspiring Lenggong UNESCO Global Geopark bersama Komuniti dan Pihak Berkepentingan*.
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2. **Aldrie Amir**. 2025. Rooting for mangroves as nature's climate heroes. *New Straits Times*.
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5. **Ahmad Aldrie Amir**. 2025. Protecting vital wetlands for a sustainable planet. *New Straits Times*.
6. **Aida Soraya Shamsuddin**. 2025. Banjir dan ancaman penyakit bawaan air di Malaysia. *Salam LESTARI*.
7. **Aida Soraya Shamsuddin**. 2025. Harnessing digital innovation for climate action through low carbon lifestyles in the 5.0 society era. *BULETIN SEADPRI*.
8. **Aida Soraya Shamsuddin**, Lim Choun Sian, Mohd Fairus Awang & Mohd Faizol Markom. 2025. Penerokaan bahaya geologi di kampus UKM: Risiko dan kesan tanah runtuh. *BULETIN SEADPRI*.
9. **Aida Soraya Shamsuddin**, Sharifah Norkhadijah Syed Ismail & Aziemah Zulkifli. 2025. Kesan alam sekitar dan kesihatan awam daripada pemprosesan sisa import di Kuala Langat, Selangor. *BULETIN SEADPRI*.

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10. Atiah Ayunni Abdul Ghani, **Mohamad Mahathir Amir Sultan** & Sharifah Nurain Syed Nasir. 2025. Bahan kimia: Kepentingan penyimpanan yang selamat di universiti. *Buletin Ilham*.
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