

ASEAN Postgraduate Conference 2024

Beyond Boundaries: Innovative Future Built Environment

Parallel Session 1 (10 presenters)

Venue : Banquet Hall, Level 1, FBE, UM

Time : 10.15 am – 1.00 pm

Chair : Pan Siaw Chin

Panels :

- 1) Dr Najah Md Alwi
- 2) Dr Nurdiyana Zainal Abidin

Sub-themes:

ST1: Emerging Technologies

ST2: Building and Engineering Innovation

ST3: Urban Design

Time	Name of Presenter	Title of Paper
10.15 am – 10.30 am	Ahmad AlArabi	Impact of Integrated Artificial Intelligence and Internet of Things Technologies on Smart City Transformation: A Bibliometric Analysis
10.30 am – 10.45 am	Faris Hyder Ali	Systematic Literature Mapping Between 5D BIM and Big Data Characteristics in Project Cost Management
10.45 am – 11.00 am	Mohd Fawwaz Najmi Mohd Fuzi	BIM Checker: A Study on its Roles and Responsibilities in the Malaysian BIM e-Submission Operations
11.00 am – 11.15 am	Patrick Pragasam Kulandaisamy	Adaptation of Machine Learning in Information and Communication Technology (ICT) Project Planning: A Bibliometric Analysis using Bibliometric R-Tool
11.15 am – 11.30 am	Ernisuhani Binti Mohamad Zamri @ Zam	Indoor Thermal Comfort Analysis Through Integration of Building Information Modelling (BIM) Tool: A Systematic Review
11.30 am – 11.45 am	Nur Izatilrahima Mat Rahim	The Impacts of Proposed Malaysia Vision Valley 2.0 On the Growth and Development of Labu
11.45 am – 12.00 pm	Gene Lambert R. Giron	The importance of an Urban Design Guideline to Transit Oriented Development (TOD) areas, the case of University Belt district in Sampaloc, Manila City
12.00 pm – 12.15 pm	Qinyu SHI	Conceptualizing the Influence of Urbanization on the Ecological Environment: A Framework
12.00 pm – 12.15 pm	Vithyasre Nagarajan	Enhancing Urban Spaces: A Conceptual Framework of Media Architecture Elements
12.15 pm – 12.30 pm	Shuai Yuan	Exploring Public Perception of Urban Resilient Design: Insights and Implications for Sustainable Urban Development

Parallel Session 2 (11 presenters)

Venue : Real Estate Studio 2, Level 4, FBE, UM

Time : 10.15 am – 1.00 pm

Chair : Fatin Nursyafiqah Khairul Anuar

Panels :

- 1) Assoc. Prof. Ar Gary Wong Wai Choong
- 2) Dr Yong 'Adilah Shamsul Harumain

Sub-themes:

ST4: Green and Renewable Energy Practices

ST5: Materials and Technology

ST6: Policy and Governance

ST7: Post-pandemic Studies

Time	Name of Presenter	Title of Paper
10.15 am – 10.30 am	Azirah Binti Adnan	Aligning Sustainable Building Design Criteria with Rating Systems in Malaysia: A Systematic Review and Meta Analysis Approach
10.30 am – 10.45 am	Yoon Jing Chai	The Impediments of Façade Retrofit in Malaysia –An Evaluation of the Existing Building Stocks
10.45 am – 11.00 am	Kamarul Arshad Zakaria	Finalize Protocol Experiment in Growing ornamental shrubs through application of Effective Microorganisms(EM)
11.00 am – 11.15 am –	Li Rong	Study on the Correlation Between Building Orientation and Energy Consumption in Hot Summer and Cold Winter Regions of China*
11.15 am – 11.30 am –	Nur Azeera Badroldin	A Systematic Review of Green Office Building: Shaping Trends with Green Building Index
11.30 am – 11.45 am –	Tan, Xian Yun	Net-zero Energy Homes in Malaysia: A Narrative Review
11.45 am – 12.00 pm –	Aayzaz Ahmed	Applications of Novel Nano Materials for Carbon Capture Technology – State of the art Review
12.00 pm – 12.15 pm	Wan Nur Ayuni Wan Ab Rashid	LEGAL REQUIREMENTS FOR MARINE ECOSYSTEM SERVICE VALUATION
12.00 pm – 12.15 pm	Ali Ahmed Shah	Beyond “Build Back Better”: A Case for Proactive Disaster Risk Management
12.15 pm – 12.30 pm	Iliya Farhani Ismail	Post-Pandemic Study on Public Perception of Express Buses in Johor Bahru
12.30 pm – 12.45 pm	Jinyu Zhang	Impact of The COVID-19 Pandemic on Urban Development: A Systematic Review

Parallel Session 3 (11 presenters)

Venue : BK4, Level 3, FBE, UM

Time : 10.15 am – 1.00 pm

Chair : Putri Nabila

Panels :

- 1) Dr Mohamad Rizal Baharum
- 2) Dr Anthonia Adediran

Sub-themes:

ST8: Inclusivity and Well-being

ST9: Culture and Heritage Conservation

Time	Name of Presenter	Title of Paper
10.15 am – 10.30 am	Xin Duan	Greening the Interior: A Comprehensive Review of Indoor Plants' Effects on Mental Health in Classrooms, Offices, and Residences
10.30 am – 10.45 am	Ekhsan Endriansyah Mohd Syahwedi	Challenge Of Urban Growth and Sports Facilities In Promoting Physical Activity For Healthier Urban Living
10.45 am – 11.00 am	Qianlun Li	The Influence of Traditional Architecture on Kengo Kuma's Interpretation of Western Modernism
11.00 am – 11.15 am –	Xiaoya Li	The Contribution of Rural Festival Activities to the Development of Farmers' Livelihoods
11.15 am – 11.30 am –	Rachel Wong Li Yen	Music in Malaysia: Issues, Challenges and the Implementation of Soundscapes into the Built Environment
11.30 am – 11.45 am –	Nevine Rafa Kusuma	Layering Light Strategy for Visual Accessibility of Low-Vision Visitors in the Museum
11.45 am – 12.00 pm –	Chu Yun Phua	The Influence of Design on the Sense of Belonging in School Building Projects: A Systematic Review of the Past Decade (2014-2024)
12.00 pm – 12.15 pm	Abdullah Hasif bin Patria	Role of Pocket Parks in Preserving the Cultural Values of An Urban Environment
12.00 pm – 12.15 pm	Siyi Ji	Analysis of Defensive Characteristics in Immigrant-type Village: A Case Study of Yueling Village in Guangxi, China *
12.15 pm – 12.30 pm	Nur Fisya Fishol Hamdi	A Systematic Review - Understanding Environmental Influences on Heritage Building Degradation
12.30 pm – 12.45 pm	Fariba Samia Omi	Barriers to Belonging: How Accessibility Shapes Cultural Identity at Heritage Sites in Bangladesh

Parallel Session 4 (6 presenters)

Venue : Banquet Hall, Level 1, FBE, UM

Time : 2.00 pm – 3.30 pm

Chair : Siti Nurmunirah Mohd Zambry

Panels :

- 1) Madam Ati Rosemary Mohd Ariffin
- 2) Dr Mazura Mahdzir

Sub-themes:

ST10: Project and Facilities Management

Time	Name of Presenter	Title of Paper
2.00 pm – 2.15 pm	Elliyyan Mizati Mohd Ismail	Facilities Management Strategies for Inclusive Front Desk Operations: Accommodating Autism in High- Traffic Areas
2.15 pm – 2.30 pm	Muhammad Aidil Mat Shah	Integrating Public Health and Sustainable Practices in Malaysian Geopark Management: Strategies for Asset Facility Management
2.30 pm – 2.45 pm	Ali Sunandar	Business Practices Mechanism of Solicited PPP Scheme Infrastructure Development a Cross-countries Studies
2.45 pm – 3.00 pm	Zohari Sulaiman	Mitigating Factors To Overcome Local Labour Shortages In Improving Construction Project Performance
3.00 pm – 3.15 pm	Nur Akmar Makmur	Commitments Of Public University Management To Address The Building Maintenance Issues: A Case Study Of Universiti Malaya
3.15 pm – 3.30 pm	Pan Siaw Chin	Employer-Consultants' Contractual Responsibilities Towards the Contractors' Work Progress: Instrument Development and Validation

Parallel Session 5 (6 presenters)

Venue : BK4, Level 3, FBE, UM

Time : 2.00 pm – 3.30 pm

Chair : Mardhiati Al Husna Sulaimi

Panels :

- 1) Sr Zulkifli Esha
- 2) Dr Loo Siaw Chung

Sub-themes:

ST11: Properties and Real Estate

Time	Name of Presenter	Title of Paper
2.00 pm – 2.15 pm	Noor Farhana Akrisha Ishak	External Environment Stigma in Condominium Overhang: A Multiple-Case Study
2.15 pm – 2.30 pm	Fatin Aziz	Strategic Real Estate Investment of Government-Linked Investment Company (GLICs): A Document Analysis
2.30 pm – 2.45 pm	Muhamad Saiful Alizan Nordin	A Conceptual Framework of ESG on the Financial Performance and Stability of REITs
2.45 pm – 3.00 pm	Norulelin Huri	Analyzing the Impact of Multi-Dimensional Property Stigma on Overhang Properties in Selangor: A Spearman's Rank Correlation Approach
3.00 pm – 3.15 pm	Nordiyana Abdul Aziz	Government Strategies of STRA Operation in Malaysia and Amsterdam: A Comparative Analysis
3.15 pm – 3.30 pm	Norshafiqah Shaari	A study on Issues & Challenges in Real Estate Auction from Malaysia Real Estate Practitioners' Perspective