

The 8th International Conference on Built Environment in Developing Countries (ICBEDC 2024)

4th September 2024

Parallel Sessions (Physical)

PARALLEL - P1 [02.00 pm - 03.10 pm]					
Venue: Rimau Room					
Chairperson: Dr.techn. Ir. Yusfan Adeputera Yusran, Universitas Brawijaya					
Theme: Architectural Design					
No.	Code	Presenter	Other Authors	Title of Papers	Time of Presentation
1.	115 - 124	Leon Wong Leong Yee	-	Research of Digital Generative Islamic Tessellation Pattern Structure System	02.05 pm - 02.20 pm
2.	123 - 196	Andi Taufan	Sheikh Ahmad Zaki, Ng Wai Tuck, NorAzizi Othman	Cooling Period Strategies in an Intermittent Usage Building: A Case Study of a Mosque in the Tropical Climate of Malaysia	02.20 pm - 02.35 pm
3.	151 - 201	Nur Nasuha Abd Salam	Simon Lannon	Assessment of Climate Change Impact in Tropical Buildings: Sensitivity Analysis of Light Shelf and Building Design Parameters for Daylighting and Thermal Balance	02.35 pm - 02.50 pm
4.	202 - 210	Permesh Lal Jethi	Fan Hau Pin	Engineering Laboratory IAQ Monitoring: A Real-Time Solution Using Raspberry Pi and Grafana Dashboard	02.50 pm - 03.05 pm

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PARALLEL - P2 [02.00 pm - 03.10 pm]					
Venue: Redang Room					
Chairperson: Professor Sr. Dr. Mastura Jaafar, Universiti Sains Malaysia					
Theme: Digital Transformation in Construction; Innovative Management in Built Environment					
No.	Code	Presenter	Other Authors	Title of Papers	Time of Presentation
1.	019 - 019	Azuin Ramli	Rufaizal Che Mamat, Aminah Bibi Bawamohiddin	A Comparative Analysis of Gaussian Process Regression and Support Vector Machines in Predicting Carbon Emissions from Building Construction Activities	02.05 pm - 02.20 pm
2.	026 - 022	Muhammad Yusaimi Abdul Hamid	Rohaya Abdul Jalil, Farin Ain Kasim	Effect of Environmental, Social and Governance Implementation Towards Malaysian Listed Property Companies	02.20 pm - 02.35 pm
3.	109 - 195	Yuan Li	Safial Aqbar Zakaria	Impact of Digital Technologies on Enhancing Interactive Experiences in Museums: A Systematic Literature Review	02.35 pm - 02.50 pm
4.	149 - 203	Mohammad Mohseni	Ernawati Mustafa Kamal, Amin Akhavan Tabassi	Prediction Model for Cost Overrun in Iran's Petrochemical Projects	02.50 pm - 03.05 pm

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PARALLEL - P3 [02.00 pm - 03.25 pm]					
Venue: Rawa Room					
Chairperson: Associate Professor Dr. Syamsul Bachri, Universitas Negeri Malang					
Theme: Urban Planning					
No.	Code	Presenter	Other Authors	Title of Papers	Time of Presentation
1.	034 - 207	Thanawat Nakason	-	Impact of a Linear City Spatial Transformation on Old town: the Case of Tha Wang Old town, Nakhon Si Thammarat, Southern Thailand	02.05 pm - 02.20 pm
2.	119 - 169	Peng Xinyi	Mohamad Reza Mohamed Afla, Chen Yanhui, Guo Yue	Evaluation of Landscape Vitality of Associated Space under Urban Overpass: A Case Study of Chongqing Main City, China	02.20 pm - 02.35 pm
3.	165 - 159	Alya Nafisa Fidelista	-	Residents' Perception of the Habitable Built Environment Quality in Informal Riverbank Settlements, Case Study: Jodipan Colorful Village	02.35 pm - 02.50 pm
4.	185 - 181	Yu Wang	Mohamad Reza Mohamed Afla	Data-driven Urban Resilience Evaluation Using Society-Economy-Infrastructure-Ecology Dimensions for Cities in Northern Anhui Province	02.50 pm - 03.05 pm
5.	201 - 211	Subhan Ramdlani	Damayanti Asikin, Bayu Arief Firsandy	Local-Physical Tourism Amenities in Gubugklakah Village, Based on Space Configuration	03.05 pm - 03.20 pm

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PARALLEL - P4 [04.00 pm - 05.10 pm]					
Venue: Rimau Room					
Chairperson: Associate Professor Dr. Evi Eliyanah, Universitas Negeri Malang					
Theme: Urban Planning					
No.	Code	Presenter	Other Authors	Title of Papers	Time of Presentation
1.	033 - 146	Raksiri Kaewtawee	Wirut Thinnakorn, A. Ghafar Ahmad	Pak Khlong Talat: The Settlement and Expansion Pattern of Stores, The Case of Flower Market Neighbourhood, Bangkok, Thailand	04.05 pm - 04.20 pm
2.	056 - 049	Imam Arifaillah Syaiful Huda	Sugeng Utaya, Sumarmi, Syamsul Bachri	Residential Vulnerability: Investigating Socio-Spatial Stigmatization of Student Premarital Sexual Behaviour in Jambi Province, Indonesia	04.20 pm - 04.35 pm
3.	058 - 051	Yaskinul Anwar	Syamsul Bachri, Sugeng Utaya, Sumarmi, Mislana	Flood characteristics of the Mahakam Cascade Lake to Build an Early Warning Model Framework	04.35 pm - 04.50 pm
4.	159 - 158	Syamsul Bachri	Rajendra P. Shrestha, A Riyan Rahman Hakiki, Mellinia Regina Heni Prastiwi, Nanda Regita Cahyaning Putri	Land Use Simulation to Foster Environmental Sustainability of The Ranu Pane Volcanic Lake Area, Indonesia	04.50 pm - 05.05 pm

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PARALLEL - P5 [04.00 pm - 05.25 pm]					
Venue: Redang Room					
Chairperson: Dr. Muhamad Azhar Ghazali, Universiti Sains Malaysia					
Theme: Urban Planning					
No.	Code	Presenter	Other Authors	Title of Papers	Time of Presentation
1.	060 - 352	Jenny Ernawati	Hasnanywati Hassan, Zalena Abdul Aziz	Behavior on a Historic Commercial Street: Lesson from Malang, Indonesia	04.05 pm - 04.20 pm
2.	075 - 072	Adellia Wardatus Sholeha	Sumarmi, Sugeng Utaya, Syamsul Bachri, Shida Irwana Omar	Visitor's Perception of Highland Natural Disaster Risk in Batu, East Java, Indonesia: Based on Geo-Psychological Approach	04.20 pm - 04.35 pm
3.	146 - 139	Bayu Arief Firsandy	Lisa Dwi Wulandari, Subhan Ramdlani	Characteristics of Geographical Locations as a Basis for Planning Settlements and Open Spaces in Inundation Areas, in the Downstream Bengawan Solo River	04.35 pm - 04.50 pm
4.	177 - 172	Hafsah Restu Nuruh Annafi	Suhirman, Tubagus Furqon Sofhani, Tri Rahayu Wulansari, Titania Athaya Putri	Tradition & Modernity: Land Use Change and Land Tenure Pattern in Canggu, Bali	04.50 pm - 05.05 pm
5.	234 - 249	Loi Chi Wun	Ungku Norani Sonet	Resident Perception of Resilient Community Through Urban Agriculture: A Case Study of PPR Seri Semarak Kuala Lumpur	05.05 pm - 05.20 pm

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PARALLEL - P6 [04.00 pm - 05.10 pm]					
Venue: Rawa Room					
Chairperson: Dr. Hazril Sherney Basher, Universiti Sains Malaysia					
Theme: Heritage and Conservation					
No.	Code	Presenter	Other Authors	Title of Papers	Time of Presentation
1.	017 - 084	Yusfan Adeputera Yusran	Elsa Berliana Oktaviani	Visitors' Behavior Patterns in Producing Space in the Historic Shopping Street Corridor of Jalan Tunjungan in Surabaya	04.05 pm - 04.20 pm
2.	032 - 029	Ema Yunita Titisari	Noviani Suryasari, Triandriani Mustikawati	Development Strategy of Sumberawan Site as a Sustainable-Historical Tourism	04.20 pm - 04.35 pm
3.	108 - 293	Zhang Jing	Hasnanywati Hassan, Zalena Abdul Aziz	Exploring the Factors for the Use of Building Information Modelling (BIM) in Historic Buildings	04.35 pm - 04.50 pm
4.	108 - 327	Zhang Jing	Hasnanywati Hassan, Zalena Abdul Aziz	Exploring the Application of the Circular Economy to the Adaptive Reuse of Architectural Heritage	04.50 pm - 05.05 pm