PROGRAMME

14TH INTERNATIONAL RESEARCH CONFERENCE

3–4 December

BEYOND SUSTAINABILITY
Reflections Across Spaces

ORGANIZED BY
FACULTY OF ARCHITECTURE
RESEARCH UNIT
UNIVERSITY OF MORATUWA, SRI LANKA
<table>
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<th>Time</th>
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<tr>
<td>9.15-9.30am</td>
<td><strong>Inauguration</strong></td>
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<td>9.15-9.30am Logging in time</td>
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<td>Symbolic Lighting of the lamp</td>
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<td>National Anthem</td>
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<td>Address by Dr. DP Chandrasekera, Dean, Faculty of Architecture</td>
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<td>Conference Chair, FARU 2020</td>
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<td></td>
<td>Theme Address by Dr. Sumanthri Samarawickrama, Director- FARU, Conference Co-Chair</td>
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<td><strong>Keynote Address</strong></td>
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<td>Prof. Udo J. Becker, Senior Professor of Transport Ecology, Institute for Transport Planning and Road Traffic, Dresden University of Technology, Germany</td>
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<td><strong>Urban Movements</strong></td>
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<td>Session Chair : Prof. Jagath Munasignhe</td>
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<td>Session Co-chair : Dr. Chathura De Silva</td>
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<td>11.00-12.30pm</td>
<td><strong>Session 1</strong></td>
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<td></td>
<td><strong>Analysis of Relationship Between Urban Sprawl and its Driving Factors: A Case of Small and Medium Town in Sri Lanka</strong></td>
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<td>Manesh E.P.P. &amp; Amila Jayasinghe</td>
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<td><strong>Study on Level of Vegetation Land Fragmentation in Western Province, Sri Lanka</strong></td>
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<td><strong>Growing Urban Green Movement: Evaluate the Reinforcement of Community Garden for Renewal Community</strong></td>
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<td>Suvimali.E.A.S.S. &amp; Herath.M.</td>
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<td><strong>An Assessment of User Preference in Artificial Pathway Lighting in Urban Parks; Cases from Greater Colombo Region</strong></td>
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<td>Wickremasinghe L.L.S. &amp; Hettiarachchi A.A.</td>
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<td><strong>An Evaluation on Level of Publicness of Urban Public Spaces by Using Core Dimensions; Specific Reference to Galle Fort (Sea Bath Area), Forest (Beach) Park Area, Mahamodara Marine Walk and Ocean Pathway in Galle</strong></td>
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<td>K.L.K. Thilini Bhagya Sandaruwani &amp; Chamali Hewawasam</td>
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<td><strong>The Influence of Street’s Elements on Walkability: A Case of Colombo 07</strong></td>
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<td>Ravindra R.K.M.P &amp; Sooriyagoda K.G.</td>
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<td><strong>Emergence of Informal Learning Space in University Campus: A Comparative Scenario in the Context of Khulna City</strong></td>
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<td>Sourav Zaman &amp; Dilshad Afroz</td>
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Building Construction and Technology
Session Chair: Prof. Yasangika Sandanayake
Session Co-chair: Dr. Menaha Thayaparan

PA_43 Use of Cyber Physical Systems for the Key Roles of Quantity Surveyors

PA_55 Impact of Utility Works in Road Projects in Sri Lanka and Proposed Mitigation Measures

PA_95 Significant Factors Affecting the Life Cycle Cost Elements of a Building

PA_100 Investigation of Plant and Equipment Operators in Building Construction Projects in Sri Lanka
Waidyasekara K.G.A.S., Rridmika K.I., Sandagomika N.M.G.H. & Konara A.N.

PA_106 Appraising Indoor Thermal Perception of Elderly in Hot Climates: An Experimental Investigation of Free-Running Residential Aged Care Homes in Colombo
Rajapaksha. I., & Sandamini. R.G.P.

Building Performance and Occupant Comfort
Session Chair: Prof. Nayanthara De Silva
Session Co-chair: Dr. Wajishani Gamage

PA_47 A Framework to Enhance the Practice of Maintenance Budgeting in Commercial Buildings in Sri Lanka
Rukanya. S., Sridarann. D. & Mahedranay. G.

PA_105 An Analysis of Daylighting Performance of Learning Spaces in Local Government Sector Schools in Kandy
Abisheka Wijesundara. & Wajishani Gamage

PA_69 Exploring Green Features that make Building Materials Green

PA_73 Thermal Performance Comparison on Flooring Materials

PA_104 Challenges on Urban Ageing in High Density Settlements: Relationship of Built-Environment Attributes and Lifestyle of Elderly in Western Province, Sri Lanka
Jayaratne N.N. & Rajapaksha I.

PA_88 A Hybrid Solar-Wind Energy Generation Approach for Sri Lanka
4th December 2021

Session 4

Sustainable Construction
Session Chair: Prof. Indrika Rajapaksha
Session Co-chair: Dr. Wajishani Gamage

PA_36 A Comparative Study of Critical Success Criteria on Sustainable Housing; A Case of - Low income Housing, Sri Lanka. Ramanayake R M D & Chethika Abeynayake


Session 5

Design Outdoor
Session Chair: Prof. Samitha Manawadu
Session Co-chair: Dr. Pournima Shridaran

PA_42 An Investigation of the Aspects that Affect the Quality of Revitalized Public Spaces With Special Reference to the City of Colombo, Sri Lanka. Lankadhikara L.R.M.N.L. & Rathnayake G.R.

PA_52 Factors Affecting the Perception of Photogenic Quality in Public Spaces; Insights from Arcade Independence Square, Colombo. De Silva. G.G.S. & Hettiarachchi. A.A.


PA_64 A Study on Quality of Life of Middle-Income Group Along Urban Canal Waterfronts With Special Reference to Greater Colombo Region. Madhushan A.M.L. & Dharmasena J.


PA_62 Impacts of Landscape Architecture on Outdoor Insecurity in Urban Housing Complexes. Lakchan A. H. & Udalathmaththa S.

4th December 2021
Auditorium, Town & Country Planning, 2pm Onwards

Link B  2-00 – 3.30pm

Session 6

People and Perceptions
Session Chair : Prof. Rangajeewa Rathnayake
Session Co-chair : Dr. Chathura De Silva

PA_89 Daylight Variability and Human Perception with reference to selected Contemporary Residential Spaces in Colombo, Sri Lanka
Pathirage, L. Y. & Perera, N.G.R.

PA_90 Multisensory Design for Sense of Coherence: A Case Study of Academics’ Workspaces
Casther, F. & Coorey, S.

PA_45 Public vs Private Sector Owned Urban Public Space Performance in terms of User Perception in City of Colombo
A.M. Fayas, M.T.O.V. Peiris & K.G.P. Kalugalla

PA_51 Impact of Colour on Depression, Anxiety and Stress Levels of Physically Disabled Patients in Health Care Facilities A Case in a Rehabilitation Centre at Ragama, Sri Lanka
Hettiarachchi, A.A. & Perera, U.D.R.

PA_53 A Review of Sustainability Assessment Tools on Prioritizing Physical Safety and Comfort to Effectively Control Accidents in Streets of Colombo

PA_60 Sustaining the Image of the City: What Matters More? An Investigation in the City of Colombo
Rathnasekara, S. N. & Munasinghe, J. N.

Link B  3.30–5.00pm

Closing Ceremony

Summing up of FARU 2021
Discussion on work presented at the Conference by FARU Committee members
Dr. Chathura De Silva
Dr. Pournima Shridarran
Dr. Wajishani Gamage
Dr. Menaha Thayaparan

Awarding of Certificates by Dr. DP Chandrasekera,
Dean, Faculty of Architecture
Conference Chair, FARU 2020

Unveiling of FARU 2022 Conference Theme

Vote of Thanks
Dr. Sumanthri Samarawickrama
Director- FARU, Conference Co-Chair

National Anthem
End of FARU 2021 Conference