

Vol. 11, No.36 Apr 2026

eISSN 2398-4287



Doi: <https://doi.org/10.2183/e-bpj.V11i36>

E-B

Environment-Behaviour
Proceedings Journal

AcE-Bs2026Kuching

14th Asian Conference on Environment-Behaviour Studies
Dumai Beach Resort, Kuching, Malaysia
27-28 Apr 2026

Editor-in-Chief

Mohamed Yusoff Abbas

Co-Editor-in-Chief

Masran Saruwono

Rugayah Gy Hashim

Associate Editors

AUSTRALIA: Ranjith Dayaratne

HONG KONG, CHINA: David Robert Osborne

INDIA: Mohamad Arif Kamal

INDONESIA: Nurlisa Ginting

IRAN: Sharona Ghorbani

MALAYSIA: Rugayah Hashim

MOROCCO: Fatima-Zohra Iflahen

NIGERIA: Babatunde Emmanuel Jaiyeoba

TAIWAN: Heng Zhang

TURKIYE: Mert Cubukcu

Available Online:

<https://ebpj.e-iph.co.uk/index.php/EBProceedings/issue/archive>



An international publication published four times annually by e-IPH, Ltd, UK, for the
Association of Malaysian Environment-Behaviour Researchers (AMER)

eISSN 2398-4287 © 2026. The Authors. Published for AMER by e-International Publishing House, Ltd., U.K. This is an open access publication under the CC BY-NC-ND license(<http://creativecommons.org/licenses/by-nc-nd/4.0/>). Peer-review under responsibility of AMER (Association of Malaysian Environment-Behaviour Researchers)/

Cataloguing-in-Publication Data: E-BPJ Volume 11, Number 36, April 2026, 14th ASIAN Conference on Environment-Behaviour Studies, AcE-Bs2026, Damai Beach Resort, Kuching, Malaysia, 27-28 Mar 2026.

Editor: Mohamed Yusoff Abbas 1. Environment-Behaviour Studies - Asia Pacific Area--Congresses. 2. Environmental Psychology - Asia Pacific Area--Congresses.

I. Mohamed Yusoff Abbas

II. Title Cover design: emAs Typeface: Ariel Narrow, Times New Roman, Type size: 8 / 10 / 11 / 12 / 14 / 16

Published by e-International Publishing House, Limited, U.K.

Registration No: 10062603, for England & Wales)

18, Westpoint, 58, West Street,

S1 4EZ, Sheffield, United Kingdom

Tel: 0044 7446 100896

admin@e-iph.co.uk

<https://www.eiph.co.uk>

Publication Date: 11 April 2026

Environment-Behaviour Proceedings Journal (E-BPJ),
Volume 11, Number 36, Apr 2026
eISSN 2398-4287

AcE-Bs2026

14th ASIAN Conference on Environment-Behaviour Studies
Damai Beach Resort, Kuching, Malaysia
27-28 Mar 2026

Editor
Mohamed Yusoff Abbas

Foreword

Welcome to the 14th Asian Conference on Environment-Behaviour Studies (AcE-Bs2026Kuching), held at Damai Beach Resort, Kuching, Malaysia, from 27–28 March 2026. Organised by the Association of Malaysian Environment-Behaviour Researchers (AMER), the conference marks AMER's 53rd international conference and is managed by its subsidiary, emAs (AMER Event Management & Services), under emAs Resources.

The purpose of bringing together researchers, academics, spatial practitioners, and institutional scholars at AcE-Bs2026Kuching is to provide a scholarly forum for the presentation, discussion, and critical exchange of research in Environment-Behaviour Studies and Environmental Psychology, with particular attention to issues and contexts relevant to Asia.

The conference facilitates academic exchange through the presentation of research findings, discussion of theoretical and methodological approaches, and examination of relationships between people, behaviour, and the physical, social, cultural, technological, and natural environments across diverse Asian geographical and socio-cultural contexts.

By bringing together participants from different countries, institutions, and disciplinary backgrounds, the conference encourages international academic interaction and the exchange of perspectives on environment, behaviour, spatial experience, wellbeing, and related research issues. Comparative and cross-contextual perspectives are welcomed where they contribute to a broader understanding of environment-behaviour relationships in Asian settings.

The conference also provides opportunities for researchers to receive scholarly feedback, discuss emerging research directions, establish academic connections, and contribute to the dissemination of research through the conference's peer-review and publication processes.

Participants are encouraged to engage with the papers and continue the scholarly dialogue initiated through the conference.

I extend my appreciation to all who contributed to the success of the conference and to the preparation of these proceedings.

Dr. Mohamed Yusoff Abbas

Conference Chair

Association of Malaysian Environment-Behaviour Researchers

Former Professor, Faculty of Built Environment, Universiti Teknologi MARA (UiTM), Shah Alam, Malaysia

27 Mar 2026

Preface

This volume, 11(36), brings together a selection of 16 papers presented at AcE-Bs2026Kuching and selected for publication. The papers represent a range of research interests within Environment-Behaviour Studies and Environmental Psychology, reflecting different conceptual perspectives, methodological approaches, and empirical contexts.

Volume 11, No. 36 has been prepared to provide a permanent scholarly record of selected research emerging from the conference. Rather than serving merely as a collection of conference presentations, the volume brings together papers that have undergone academic review and, where required, revision prior to publication.

The papers address diverse relationships between people, behaviour, and their environments, including issues relating to physical and spatial settings, social and cultural environments, technological change, community interaction, wellbeing, and other environment-behaviour concerns. The collection also reflects the importance of examining such relationships within their specific geographical, cultural, and socio-contextual settings.

Each submitted manuscript was subject to academic evaluation in accordance with the conference and publication requirements. The review process considered matters including relevance to the scope of the conference and publication, originality, conceptual clarity, methodological rigour, quality of analysis, and overall scholarly contribution. Authors were invited to respond to reviewers' comments and amend their manuscripts where revisions were required.

The preparation of the final papers involved subsequent editorial and production checks to ensure consistency, completeness, and compliance with the required publication format. The process involved coordination among authors, reviewers, conference committees, breakout chairs, and the editorial and production teams.

The resulting volume therefore represents the combined scholarly contribution of the authors and the academic and editorial processes through which the papers were developed for publication. It is intended to provide researchers, academics, practitioners, and other interested readers with a useful reference to selected research presented through the conference.

The 16 papers published are grouped under the six conference tracks as follows:

- Track 1: Smart Technology & Digital Behavioral Environments — 3 papers
- Track 2: Socio-Economic, Management & Public Policy Environments — 3 papers
- Track 3: Built Environment, Spatial Design & Spatial Infrastructure — 2 papers
- Track 4: Social, Cultural & Community Interaction Environments — 1 paper
- Track 5: Human Development, Spatial Education & Physical Wellbeing — 5 papers
- Track 6: Sustainability, Energy & Natural Cognitive Environments — 2 papers

These themes establish the principal editorial scope of the volume, encompassing multidisciplinary dimensions of human-environment interaction relevant to contemporary Asian settings. The six research tracks provide a structured framework for thematic organisation and are not intended to restrict interdisciplinary approaches or comparative research relevant to the conference's Asian focus.

Submissions outside the defined thematic and disciplinary scope were excluded from the volume. All 16 manuscripts included in the volume underwent the conference's pre-conference manual double-blind peer-review process, administered through secure institutional email networks. Following peer review, each manuscript underwent Turnitin similarity screening, with a similarity index of 15% or below, prior to final publication on 11 April 2026.

Accordingly, Volume 11, No. 36 is distinguished by its Asia-focused editorial orientation, bringing together multidisciplinary Environment-Behaviour Studies research addressing environmental, behavioural, spatial, social, institutional, health, technological, and sustainability issues within Asian settings.

The papers may also serve as a basis for further investigation, comparative research, interdisciplinary discussion, and development of subsequent journal manuscripts and other scholarly outputs. Through this volume, the research presented at the conference can continue to reach readers beyond the conference itself and contribute to the wider development of knowledge in Environment-Behaviour Studies.

Dr. Mohamed Yusoff Abbas

Conference Chair and Editor

Association of Malaysian Environment-Behaviour Researchers

Former Professor, Faculty of Built Environment, Universiti Teknologi MARA (UiTM), Shah Alam, Malaysia

11 April 2026

Acknowledgement

The organiser, the Association of Malaysian Environment-Behaviour Researchers (AMER), gratefully acknowledges the contributions of the many individuals and groups whose support made the conference possible.

In particular, AMER extends its appreciation to the International Organising Committee, International Breakout Chairs, International Scientific Committee and Journal Editorial Team, abstract and full-paper contributors, and conference participants for their valuable contributions, commitment, and support.

The organiser sincerely thanks everyone who contributed to the successful organisation, academic exchange, and publication of the conference proceedings.

Thank you all.

About the conference, AcE-Bs

The success of the 1st National Conference on Environment-Behaviour Studies (InCEBS2009), held at Universiti Teknologi MARA (UiTM), Shah Alam, Malaysia, from 14–15 November 2009, inspired the organiser to extend the conference initiative beyond the national level.

The AcE-Bs acronym was initially used for the ASEAN Conference on Environment-Behaviour Studies, reflecting its original intention to organise conferences in countries within the ASEAN region. The scope was subsequently extended beyond ASEAN to include countries across Asia, giving rise to the current designation, Asian Conference on Environment-Behaviour Studies (AcE-Bs).

The main theme of the AcE-Bs conference series addresses Environment-Behaviour (E-B) issues affecting Asian communities living in both Asian and non-Asian countries. Research addressing Environment-Behaviour issues affecting non-Asian communities is also welcomed, particularly where it contributes to comparative, cross-cultural, or broader international understanding of environment-behaviour relationships.

Prior to 2012, AcE-Bs conferences were organised by the Centre for Environment-Behaviour Studies (cE-Bs), Faculty of Architecture, Planning and Surveying (FSPU), Universiti Teknologi MARA (UiTM), Malaysia, with support from the Association of Malaysian Environment-Behaviour Researchers (AMER) and the Association of Behavioural Researchers on Asians (ABRA).

Following the formalisation of AMER in 2012, AMER became the principal organiser of the AcE-Bs conference series. The conference series has subsequently been organised under AMER, with AMER Event Management & Services (emAs) serving as the event management arm responsible for managing AMER's conferences and related events under emAs.

To date, the AcE-Bs conferences successfully organised are as follows:

- 1st AcE-Bs2010Kuching, Malaysia — 07–08 July 2010
- 2nd AcE-Bs2011Bandung, Indonesia — 15–17 June 2011
- 3rd AcE-Bs2012Bangkok, Thailand — 16–18 July 2012
- 4th AcE-Bs2013Hanoi, Vietnam — 19–22 March 2013
- 5th AcE-Bs2014Seoul, South Korea — 25–27 August 2014
- 6th AcE-Bs2015Tehran, Iran — 21–23 February 2015
- 7th AcE-Bs2016Taipei, Taiwan — 09–10 April 2016
- 8th AcE-Bs2019Langkawiland, Malaysia — 18–19 December 2019
- 9th AcE-Bs2021KotaBahru, Malaysia — 28–29 July 2021 (Virtual)
- 10th AcE-Bs2022Cherating, Malaysia — 08–09 June 2022
- 11th AcE-Bs2023KualaTerengganu, Malaysia — 14–16 July 2023
- 12th AcE-Bs2024Langkawi, Malaysia — 01–03 March 2024
- 13th AcE-Bs2025Bangkok, Thailand — 04–06 April 2025

The 14th AcE-Bs2026Kuching conference continues this established conference series and further develops its focus on Environment-Behaviour Studies and Environmental Psychology within Asian contexts.

List of International Organising Committee

Chair

Dr. Mohamed Yusoff Abbas

Association of Malaysian Environment-Behaviour Researchers (AMER)

confchair@amerabra.org

Co-Chair

Prof. Dr. Masran Saruwono

College of Built Environment, Universiti Teknologi MARA, Malaysia

masran697@uitm.edu.my

Committee Members

Prof. Dr. Babatunde Emmanuel Jaiyeoba

Faculty of Environmental Design and Management, Obafemi Awolowo University, Ile-Ife, Nigeria

tundejaiyeoba@yahoo.co.uk

Assoc. Prof. Dr. Chumporn Moorapun

School of Architecture, Art and Design, King Mongkut's Institute of Technology Ladkrabang, Thailand

chumporn.mo@kmitl.ac.th

Prof. Dr. Fatima-Zohra Iflahen

Department of English Studies, Faculty of Letters and Human Sciences, Cadi Ayyad University, Morocco

f.iflahen@uca.ac.ma

Asst. Prof. Ar. Dr. Jin-Yung Wu

National Taiwan University, Taipei, Taiwan

jinyungwu@gmail.com

Prof. Dr. Mert Cubukcu

Dokuz Eylul University, Izmir, Türkiye

mert.cubukcu@deu.edu.tr

Assoc. Prof. Dr. Mohammad Arif Kamal

Aligarh Muslim University, India

architectarif@gmail.com

Prof. Dr. Nurlisa Ginting

Universiti Sumatera Utara, Medan, Indonesia

nurlisa.ginting@gmail.com

Arch. Prof. Dr. Ranjith Dayaratne

Asian School of Knowledge (ASK), Melbourne, Australia

ranjith.dayaratne@gmail.com

Prof. Dr. Rasha Mahmoud Ali El-Zeiny

Faculty of Architecture and Design (FAD), Modern Sciences and Arts University, October City, Egypt

rasha_elzeiny@yahoo.com

Secretariat

AMER Event Management & Services (emAs)

emasemasresources@gmail.com

List of International Breakout Chairs

Africa (West)	Nigeria	Prof. Dr. Babatunde Emmanuel Jaiyeoba, Faculty of Environmental Design and Management, Obafemi Awolowo University, Ile-Ife, Nigeria <i>tundejaiyeoba@yahoo.co.uk</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Oceania	Australia	Arch. Prof. Dr. Ranjith Dayaratne Asian School of Knowledge (ASK), Melbourne, Australia. <i>ranjith.dayaratne@gmail.com</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Malaysia	Prof. Ts. Dr. Rugayah Gy Hashim Department of International Business and Management Studies, , Faculty of Business & Management, Universiti Teknologi MARA Cawangan Selangor, Puncak Alam, Selangor, Malaysia <i>gy@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID

List of Editorial Team / International Scientific Committee

Advisory Board

Africa (North-east)	Egypt	Emer. Prof., Dr. Aleya Abdel Hadi FFA, Helwan University, Cairo, Egypt profaleyaabdelhadi@gmail.com
North America	USA	Emer. Prof., Dr. Robert W. Marans University of Michigan, Michigan, United States marans@umich.edu
Asia (South-East)	Thailand	Emer. Prof., Dr. Siriwan Silapacharanan Chulalongkorn University, Bangkok, Thailand siriwansv@gmail.com

Editor-in-Chief

Asia (South-East)	Malaysia	Dr. Mohamed Yusoff Abbas Association of Malaysian Environment-Behaviour Researchers (AMER) cebsuitm@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
-------------------	----------	--

Co-Editor-in-Chief

Asia (South-East)	Malaysia	Prof. Dr. Masran Saruwono Faculty of Built Environment, Universiti Teknologi MARA, Malaysia masran697@uitm.edu.my ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Prof. Ts. Dr. Rugayah Gy Hashim Department of International Business and Management Studies, , Faculty of Business & Management, Universiti Teknologi MARA Cawangan Selangor, Puncak Alam, Selangor, Malaysia gy@uitm.edu.my ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID

Associate Editors

Africa (North)	Morocco	Prof. Dr. Fatima-Zohra Iflahen, Department of English Studies, Faculty of Letters and Human Sciences, Cadi Ayyad University, Morocco f.iflahen@uca.ac.ma ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Africa (North-east)	Egypt	Prof., Dr. Rasha Mahmoud Ali El-Zeiny Vice Dean for Teaching and Learning, Faculty of Art and Design, The British University in Egypt, El Sherouk, Cairo, Egypt Rasha.Elzeiny@bue.edu.eg ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Africa (West)	Nigeria	Prof. Dr. Babatunde Emmanuel Jaiyeoba, Faculty of Environmental Design and Management, Obafemi Awolowo University, Ile-Ife, Nigeria tundejaiyeoba@yahoo.co.uk ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (East)	Taiwan	Distinguished Prof. Ing., Dr. Heng Zhang, Institute of Environmental and Behavioral Studies (IEBS), Department of Architecture, National Cheng Kung University, Tainan, Taiwan heng7970@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South)	India	Assoc. Prof., Dr. Mohammad Arif Kamal Aligarh Muslim University, India architectarif@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID

Asia (South-East)	Indonesia	Prof., Dr. Nurlisa Ginting Universiti Sumatera Utara, Medan, Indonesia nurlisa.ginting@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Thailand	Assoc. Prof. Dr. Chumporn Moorapun School of Architecture, Art and Design. King Mongkut's Institute of Technology Ladkrabang, Thailand chumporn.mo@kmitl.ac.th ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (West) & Europe	Turkiye	Prof., Dr. Mert Cubukcu, Dokuz Eylul University, Izmir, Turkiye mert.cubukcu@deu.edu.tr ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (West) / Middle East	Iran	Dr. Sharona Ghorbani, Head of Architecture and Design Studies & International Researcher Parseh Higher Education Institute, Iran scharona@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID
Oceania	Australia	Archt. Prof. Dr. Ranjith Dayaratne Asian School of Knowledge (ASK), Melbourne, Australia. ranjith.dayaratne@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID

Editorial Board Members

Asia (East)	Hong Kong, China	Dr. David Robert Osborne Graphia International Limited, Hong Kong dro@graphiabrand.com ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (East)	Taiwan	Asst. Prof., Ar., Dr., Jin-Yung Wu National Taiwan University, Taipei, Taiwan jinyungwu@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Indonesia	Prof. Dr. Iwan Sudradjat Parahyangan Catholic University, Bandung, Indonesia iwansudr@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Indonesia	Prof., Dr. Ir. R. Siti Rukayah, MT Head of Masters Program Architecture, Department of Architecture Diponegoro University, Semarang, Indonesia tututrsiti@yahoo.com ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Prof. Sr. Ts. Dr. Abdul Hadi Nawawi Faculty of Built Environment, Universiti Teknologi MARA, Malaysia abdul274@uitm.edu.my ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Dr Aslinda Maulat Mohd Fuhad Neoflux Physio & Rehab, Physiotherapy & Home-Based Rehabilitation Services, Kuala Lumpur, Malaysia lindalance87@gmail.com ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Malaysia	Assoc. Prof., Dr. Hazreena Hussein Department of Architecture, Faculty of the Built Environment, University Malaya, Malaysia reenalambina@um.edu.my ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID

Asia (South-East)	Malaysia	Assoc. Prof. Dr. Mazni Saad Department of Tourism, Kulliyah of Sustainable Tourism and Contemporary Languages (KSTCL) International Islamic University Malaysia (IIUM), Johor, Malaysia <i>maznisaad@iium.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Prof. Dr. Mizaton Hazizul Hasan Department of Pharmaceutical Pharmacology & Chemistry, Faculty of Pharmacy, Universiti Teknologi MARA, Malaysia <i>mizaton_hazizul@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Malaysia	Assoc. Prof., Dr. Nik Nairan Abdullah Department of Public Health Medicine, Faculty of Medicine, Universiti Teknologi MARA, Sungai Buloh, Malaysia. <i>niknairan@gmail.com</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Prof. Dr. Noor Shafina Mohd Nor Head, Department of Paediatrics, Faculty of Medicine, Universiti Teknologi MARA (UiTM), Sungai Buloh Campus, Selangor, Malaysia. Consultant Paediatric Endocrinologist, Hospital UiTM, Sungai Buloh, Selangor, Malaysia. <i>drshafina@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Malaysia	Dr. Noraiza Abdul Rahman Corporate Coordinator, Faculty of Law, Universiti Teknologi MARA, Malaysia <i>noraizarahman@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Malaysia	Dr. Norashida Othman Department of Economics & Financial Studies, Faculty of Business & Management, Universiti Teknologi MARA, Puncak Alam, Malaysia <i>shidaothman@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Assoc. Prof. Dr. Norazlina Abdul Aziz Faculty of Law, Universiti Teknologi MARA, Malaysia <i>noraz397@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Assoc. Prof., Dr. Norsidah Ujang Department of Landscape Architecture, Faculty of Design and Architecture, Universiti Putra Malaysia, Selangor, Malaysia <i>norsidah@upm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Prof., LAr. Ts. Dr. Osman Mohd Tahir, FILAM, PTech Department of Landscape Architecture, Faculty of Design and Architecture, Universiti Putra Malaysia, Malaysia <i>osmanmt@upm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Malaysia	Ar. Puteri Mayang Bahjah Zaharin Centre of Studies for Architecture and Planning (Architecture), Faculty of Built Environment, Universiti Teknologi MARA (Puncak Alam Campus), Malaysia <i>bahjah@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Malaysia	Dr. Raziah Ahmad Centre of Studies Landscape Architecture, Faculty of Built Environment, Universiti Teknologi MARA, Puncak Alam, Malaysia <i>razia841@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID

Asia (South-East)	Malaysia	Assoc. Prof. Dr. Rohana Sham School of Management and Marketing, Taylor's University Lakeside Campus, Malaysia <i>rohana.sham@taylors.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Saripah Abdul Latif Open University, Malaysia <i>saripah5998@gmail.com</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Ts. Dr. Siti Norida Wahab Department of Technology & Supply Chain Management Studies, Faculty of Business & Management, Universiti Teknologi MARA, Puncak Alam, Malaysia <i>sitinorida23@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Malaysia	Dr Tengku Nazatul Shima Tengku Paris Universiti Teknologi MARA Pahang, Malaysia <i>tnshima@uitm.edu.my</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID ResearchGate ID
Asia (South-East)	Thailand	Assoc. Prof., Dr. Karuna Raksawin Faculty of Architecture, Chiang Mai University, Thailand <i>k.raksawin@gmail.com</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Asia (South-East)	Thailand	Assoc. Prof., Dr. Supagtra Suthasupa Faculty of Architecture, Silpakorn University, Bangkok, Thailand <i>supakoy@yahoo.com</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID
Oceania	Australia	Dr. Mei Lim UniSA Business, University of South Australia, Australia <i>Mei.Lim@unisa.edu.au</i> ORCID ID Scopus ID Web of Science ID Google Scholar ID

Table of Contents

Foreword	iii
Preface	iv
Acknowledgement	v
About the Conference	vi
List of International Organising Committee	vii
List of International Breakout Chairs	viii
List of Editorial Team / International Scientific Committee	ix
Table of Contents	xiii
List of Papers	xiv
Authors Index	157

List of Papers

Track 1: Smart Technology & Digital Behavioral Environments

1

Regulating Digital Pharmacies in Malaysia: Lessons from the United States

3-8.

Ibtisam @ Ilyana Ilias¹, Raudhoh Shaari², Hetty Hasanah³, Mohd Kamal Ilias⁴

¹ Associate Professor, Faculty of Law, Universiti Teknologi MARA, Malaysia ² Head of Investigation and Prosecution Section, Pharmacy Enforcement Division, Kedah State Health Department, Ministry of Health, Malaysia ³ Dean, Faculty of Law, Universitas Komputer, Indonesia ⁴ Partner, Emir Mahmud & Co, Malaysia.

ilyanailias@uitm.edu.my, raudhoh@moh.gov.my, hetty.hassanah@email.unikom.ac.id, emco.kl5@gmail.com

Scroll, speak, resist: Deconstructing colonial narratives through female-centered Moroccan TikTok content

9-14.

Imane Alqaraoui¹, Fatima-Zohra Iflahen²

¹ Doctoral Student, Cadi Ayyad University, UCA, Faculty of Letters and Human Sciences, Languages and Humanities Laboratory, Avenue Abdelkrim khattabi, Marrakech, Morocco, ² Full Professor, Cadi Ayyad University, UCA, Faculty of Letters and Human Sciences, Languages and Humanities Laboratory, Avenue Abdelkrim khattabi, Marrakech, Morocco.

i.alqaraoui.ced@uca.ac.ma, f.iflahen@uca.ac.ma

Threads and Informal English Language Learning among University Students

15-21

Mohd Nur Fitri Mohd Salim¹, Mohamad Safwat Ashahri Mohd Salim^{2*}, Dianna Suzieanna Mohamad Shah³, Udan Kusmawan⁴

¹ Akademi Pengajian Bahasa, Universiti Teknologi MARA Cawangan Negeri Sembilan, Malaysia, ² Akademi Pengajian Bahasa, Universiti Teknologi MARA Cawangan Perak, Malaysia, ³ Akademi Pengajian Bahasa, Universiti Teknologi MARA, Shah Alam, Malaysia, ⁴ Fakultas Keguruan dan Ilmu Pendidikan, Universitas Terbuka, Banten, Indonesia.

fitrisalim@uitm.edu.my, safwat@uitm.edu.my, dianna@uitm.edu.my, udan@ecampus.ut.ac.id

Track 2: Socio-Economic, Management & Public Policy Environments

23

Decolonizing Women's Rights: A case study of BATIK International's French-Moroccan partnership

25-31

Ikram Douaou^{1*}, Fatima-Zohra Iflahen²

^{1*} Doctoral Student, Cadi Ayyad University, UCA, Faculty of Letters and Human Sciences, Languages and Humanities Laboratory, Avenue Abdelkrim Khattabi, Marrakech, Morocco ² Full Professor, Cadi Ayyad University, UCA, Faculty of Letters and Human Sciences, Languages and Humanities Laboratory, Avenue Abdelkrim Khattabi, Marrakech, Morocco

i.douaou.ced@uca.ac.ma, f.iflahen@uca.ac.ma

Embedding Facilities Management Epistemology into Mutawalli Competencies Training Module Toward Sustainable Waqf Asset Performance

33-39

Huraizah Arshad¹, Sharifah Nor Iswani Syed Hashim², Sharifah Faigah Syed Alwi³, Siti Nadiah Mohd Ali¹, Nurul Sahida Fauzi¹, Hidayatul Ihsan⁴

¹ Department of Built Environment Studies and Technology, College of Built Environment, Universiti Teknologi MARA, Seri Iskandar Campus, Seri Iskandar, 32610, Perak, Malaysia, ² Postgraduate Studies, Department of Built Environment Studies and Technology, College of Built Environment, Universiti Teknologi MARA, Perak Branch, Seri Iskandar Campus, 32610, Seri Iskandar Perak, Malaysia, ³ Arshad Ayub Graduate Business School, Universiti Teknologi MARA, Shah Alam, Malaysia, ⁴ Padang State Polytechnic, Indonesia.

hurai543@uitm.edu.my, sharifahnoriswani@gmail.com, shfaigah@uitm.edu.my, sitin190@uitm.edu.my, nurul839@uitm.edu.my, hidayatul@pnp.ac.id

Islamic Work Ethic in Organizations: Principles, Practices and Contemporary Challenges

41-46

Adila Abdullah¹, Norazmi Anas^{2*}, Wan Saudah Wan Azli³, Mohd Erfino Johari⁴, Mohammad Khairuddin Majidillah¹, Humairaa Hasan¹, Anis Abdullah⁴, Jonathan Newton⁵

¹ Center for Islamic, General and Languages Studies, Universiti Poly-Tech Malaysia, Kuala Lumpur, Malaysia, ² Academy of Contemporary Islamic Studies, Universiti Teknologi MARA, Perak Branch, Tapah Campus, Perak, Malaysia, ³ Academy of Contemporary Islamic Studies, Universiti Teknologi MARA, Perak Branch, Seri Iskandar Campus, ⁴ Munif Hijaz Marketing Sdn. Bhd., ⁵ Faculty of Education, Victoria University of Wellington, New Zealand.

adila_a@uptm.edu.my, norazmianas@uitm.edu.my, wnsdah@gmail.com, erfino@uptm.edu.my, khairuddin@uptm.edu.my, humairaa@uptm.edu.my, anisabdullah8385@gmail.com, jonathan.newton@vuw.ac.nz

Track 3: Built Environment, Spatial Design & Spatial Infrastructure

47

A Comparative Analysis on Pedestrian Experience in Metro Manila Mixed-Use Developments

49-56

Pamela Sarunya J. Pagana, Jamila Jane D.G. De Mesa

College of Architecture, University of the Philippines- Diliman, Philippines.

jpagana@up.edu.ph, jddemesa3@up.edu.ph

Housing Crisis Paradox: A Comparative Analysis of Malaysia and Spain

57-75

Puteri Mayang Bahjah Zaharin¹, Maria Concepcion Perez Gutierrez², Muhammad Firdaus Mohamed Rafie¹, Kartini Kasmuri¹

¹ [S2]Futures Research Group, Centre of Studies for Architecture, Faculty of Built Environment, Universiti Teknologi MARA, Puncak Alam Campus, Malaysia, ² Department of Architecture and Design, Institute of Technology, San Pablo CEU (CEU Universities), Spain.

bahjah55@gmail.com, cperez.eps@ceu.es, firdausrafie@uitm.edu.my, kartini.k@uitm.edu.my

Track 4: Social, Cultural & Community Interaction Environments

77

Expanded Printmaking Development in Malaysia through The Go Block Exhibition

79-85

Mursyidah Zainal Abidin¹, Sabzali Musa Kahn¹, Nurhasliza Abdulah², Jehaabdulloh Jehsorhoh³
¹ Academy of Malay Studies, Universiti Malaya, Malaysia, ² Faculty of Social Science and Humanities, Universiti Kebangsaan Malaysia, ³ Faculty of Fine and Applied Arts, Prince of Songkla University Pattani Campus, Thailand.
 msyida.ad228@gmail.com, sabzali@um.edu.my, P115605@siswa.ukm.edu.my, jehabdulloh@gmail.com

Track 5: Human Development, Spatial Education & Physical Wellbeing

87

Chronotype and Chrononutrition Behaviours of Adults with Coronary Artery Disease

89-95

Ain Suhana Mohd Suki¹, Nur Islami Mohd Fahmi Teng^{1*}, Mazuin Kamarul Zaman¹, Anindhita Syahbi Syagata²
¹ Center for Dietetic Studies, Faculty of Health Sciences, Universiti Teknologi MARA, 42300, Puncak Alam, Selangor, Malaysia ² Nutrition Study Program, Faculty of Health Sciences, Aisyiyah University of Yogyakarta, 55292, Sleman, Special Region of Yogyakarta Province, Indonesia.
 ainsuhanaa@gmail.com, nurislami@uitm.edu.my, mazuin0233@uitm.edu.my, a.s.syagata@umog.nl

Ecological and Perceptual Factors Shaping Age-Friendly Quality in Rural Public Spaces

97-105

Xiangyun Wang^{1,2}, Alamah Misni^{3*}, Bo Zhang², Xann Li⁴
¹ Studies for Postgraduate, Faculty of Built Environment, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia; ² School of Art Design, Shandong Youth University of Political Science, Jinan, Shandong Province, China; ³ Studies for Landscape Architecture, Faculty of Built Environment, Universiti Teknologi MARA, 42300 Puncak Alam, Selangor, Malaysia; ⁴ Institute of Creative Arts and Design, UCSI University, Cheras 56000 Kuala Lumpur, Malaysia.
 2022202288@student.uitm.edu.my, alama884@uitm.edu.my, wxy@sdyu.edu.cn, 1002477124@ucsiuniversity.edu.my

Environment-Behaviour Dynamics in Informal Settlements and Health Outcomes in Lagos, Nigeria

107-113

Oluwafemi Kehinde Akande¹, Ayuba Bassa John², Michael Adelowo Adebamowo³, Tenigbade Yewande Odu⁴, Olufunmilola Adetayo Obakin⁵, Rohanna Sham⁶, Henry Ogunjobi⁷
¹ Department of Architecture, Faculty of Environmental Sciences, Nile University of Nigeria, Abuja, Nigeria, ² Department of Architecture, Faculty of Environmental Sciences, Baze University, Abuja, Nigeria, ³ Department of Architecture, Faculty of Architecture, University of Lagos, Lagos, Nigeria, ⁴ Department of Estate Management, Faculty of Environmental Sciences, Nile University of Nigeria, Abuja, Nigeria, ⁵ Department of Architecture, Faculty of Environmental Sciences, University of Ibadan, Ibadan, Nigeria, ⁶ Strategic Research Institute, Asia Pacific University of Technology and Innovation, Jalan Innovasi 6, Technology Park Malaysia 57000, Kuala Lumpur, Malaysia, ⁷ 59 East Hill Wandsworth SW18 2QE United Kingdom.
 oluwafemi.akande@nileuniversity.edu.ng; ayuba.john@bazeuniversity.edu.ng; madebamowo@unilag.edu.ng; tenigbade.odu@nileuniversity.edu.ng; morenifunmi@gmail.com; rohanna.sham@apu.edu.my; ogunjobi@googlemail.com

Environment-Behaviour Perspective of Health Vulnerability of Residents in Lagos, Nigeria

115-121

Michael Adelowo Adebamowo¹, Oluwafemi Kehinde Akande², Abubakar Abdullahi Abdullahi³
¹ Department of Architecture, Faculty of Architecture, University of Lagos, Lagos, Nigeria, ² Department of Architecture, Faculty of Environmental Sciences, Nile University of Nigeria, Abuja, Nigeria, ³ Department of Petroleum engineering, Faculty of Chemical and Energy Engineering, Universiti Teknologi Malaysia, Malaysia.
 madebamowo@unilag.edu.ng; oluwafemi.akande@nileuniversity.edu.ng, Abubakarabd2020@gmail.com

Impact of Digital Health on Dementia Caregivers' Knowledge, Attitude and Practice: A systematic review

123-132

Nurulizzah Mahfar¹, Nik Nairan Abdullah¹, Dalila Roslan¹, Marisa Syavitri Dilaga²
¹ Department of Public Health Medicine, Faculty of Medicine, Universiti Teknologi MARA Sungai Buloh Campus, Selangor, Malaysia, ² Public Health Department, Faculty of Medicine and Health Sciences, Mataram University, West Nusa Tenggara, Indonesia.
 izzahmahfar@gmail.com, niknairan@gmail.com, drdalilaroslan@gmail.com, sasyadilaga@staff.unram.ac.id,

Track 6: Sustainability, Energy & Natural Cognitive Environments

133

Spatial-Temporal Assessment of Urban Flood Vulnerability Using GIS and AHP in Klang River Basin

135-145

Nuralya Najihah Rushdi¹, Roslina Idris², Muhammad Taufiq Muhammad Salleh³, Siti Hafsa Zulkarnain Saleh⁴, Janthy Trilusianthy Hidayat⁵
¹ Studies of Surveying Science & Geomatics, Faculty of Built Environment, Universiti Teknologi MARA, Malaysia, ² Centre for Postgraduate Studies, Faculty of Built Environment, Universiti Teknologi MARA, Malaysia, ³ Malaysian Space Agency (MYSA), Malaysia, ⁴ Studies of Real Estate, Faculty of Built Environment, Universiti Teknologi MARA, Malaysia, ⁵ Department of Urban and Regional Planning Postgraduate School Pakuan University Bogor Indonesia.
 roslinaidris@uitm.edu.my, 2024660154@student.uitm.edu.my, taufiq@mysa.gov.my, siti_hafsah@uitm.edu.my, janthyhidayat@unpak.ac.id

Thermal-Spatial Strategies for Rural Dwellings: Environment-Behaviour Nexus in Northern China

147-155

Chen Yang¹, Alamah Misni^{2*}, Mohamad Zulfadli Mohamad Zabidi³
¹ Studies for Postgraduate, Faculty of Built Environment, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia; ² Studies for Landscape Architecture, Faculty of Built Environment, Universiti Teknologi MARA, 42300 Puncak Alam, Selangor, Malaysia; ³ King Salman Park, 11564 Riyadh, Kingdom of Saudi Arabia.
 2022445238@student.uitm.edu.my; alama884@uitm.edu.my, Lazulfadli88@gmail.com

Authors Index

Abubakar Abdullahi Abdullahi	115-121
Adila Abdullah	41-46
Ain Suhana Mohd Suki	89-95
Alamah Misni	97-105, 147-155
Anindhita Syahbi Syagata	89-95
Anis Abdullah	41-46
Ayuba Bassa John	107-113
Bo Zhang	97-105
Chen Yang	147-155
Dalila Roslan	123-132
Dianna Suzieanna Mohamad Shah	15-21
Fatima-Zohra Iflahen	9-14, 25-31
Henry Ogunjobi	107-113
Hetty Hasanah	3-8.
Hidayatul Ihsan	33-39
Humairaa Hasan	41-46
Huraizah Arshad	33-39
Ibtisam @ Ilyana Ilias	3-8.
Ikram Douaou	25-31
Imane Alqaraoui	9-14.
Jamila Jane D.G. De Mesa	49-56
Janthy Trilusianthy Hidayat	135-145
Jehaabdulloh Jehsorchoh	79-85
Jonathan Newton	41-46
Kartini Kasmuri	57-75
Maria Concepcion Perez Gutierrez	57-75
Marisa Syavitri Dilaga	123-132
Mazuin Kamarul Zaman	89-95
Michael Adelowo Adebamowo	107-113, 115-121
Mohamad Safwat Ashahri Mohd Salim	15-21
Mohamad Zulfadli Mohamad Zabidi	147-155
Mohammad Khairuddin Majidillah	41-46
Mohd Erfino Johari	41-46
Mohd Kamal Ilias	3-8.
Mohd Nur Fitri Mohd Salim	15-21
Muhammad Firdaus Mohamed Rafie	57-75
Muhammad Taufiq Muhammad Salleh	135-145
Mursyidah Zainal Abidin	79-85
Nik Nairan Abdullah	123-132
Norazmi Anas	41-46
Nur Islami Mohd Fahmi Teng	89-95
Nuralya Najiha Rushdi	135-145
Nurhasliza Abdulah	79-85
Nurul Sahida Fauzi	33-39
Nurulizzah Mahfar	123-132

Olufunmilola Adetayo Obakin	107-113
Oluwafemi Kehinde Akande	107-113, 115-121
Pamela Sarunya J. Pagana	49-56
Puteri Mayang Bahjah Zaharin	57-75
Raudhoh Shaari	3-8.
Rohanna Sham	107-113
Roslina Idris	135-145
Sabzali Musa Kahn	79-85
Sharifah Faigah Syed Alwi	33-39
Sharifah Nor Iswani Syed Hashim	33-39
Siti Hafsah Zulkarnain Saleh	135-145
Siti Nadiyah Mohd Ali	33-39
Tenigbade Yewande Odu	107-113
Udan Kusmawan	15-21
Wan Saudah Wan Azli	41-46
Xann Li	97-105
Xiangyun Wang	97-105

Another international event managed by:



AMER Event Management & Services

Emas Emas Resources

(Reg No: SA0426951-D)

X2-26-A, Blok K, Pusat Komersial Seksyen 7

40000 Shah Alam, Selangor D.E.

Malaysia

<https://www.emasemasresources.com>

Published by:

e-IPH, UK

e-International Publishing House, Ltd

(Reg No: 10062603, for England & Wales)

18, Westpoint, 58 West Street

S1 4EZ Sheffield

United Kingdom

admin@e-iph.co.uk

<https://www.eiph.co.uk>