

ASEAN Conference on Environment-Behaviour Studies (AcE-Bs 2011 Bandung)

Communities – Policies, Culture & Behaviour

Procedia Social and Behavioral Sciences Volume 36

**Bandung, Indonesia
15-17 June 2011**

Editors:

**Mohamed Yusoff Abbas
Anniz Fazli Ibrahim Bajunid
Nik Farhanah Nik Azhari**

ISBN: 978-1-62748-973-7

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© by Elsevier B.V.
All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact Elsevier B.V.
at the address below.

Elsevier B.V.
Radarweg 29
Amsterdam 1043 NX
The Netherlands

Phone: +31 20 485 3911
Fax: +31 20 485 2457

<http://www.elsevierpublishingsolutions.com/contact.asp>

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com



Contents

Proceedings	1
Of Elephants, Opinions, and Partial Truths: Communities in Motion	
D. Osborne	8
Human Sustainable Urbanism: In Pursuit of Ecological and Social-Cultural Sustainability	
D. Oktay	16
Foucault, the Other Spaces, and Human Behaviour	
I. Sudradjat	28
Environmental Simulation and Behavioral Response as Means of Enquiry in Multidisciplinary Design Research Procedure	
N. Sahachaisaeree	35
Light and Space: Users Perception towards Energy Efficient Buildings	
N.B. Zainordin, S.M.B. Abdullah, Z.B. Ahmad@Baharum	51
Learning from Resident's Adjustments in Self-Built and Donated Post Disaster Housing after Java Earthquake 2006	
S.R. Marcillia, R. Ohno	61
Aedes Mosquitoes Resistance in Urban Community Setting	
F.A. Shafie, M.P.M. Tahir, N.M. Sabri	70
Behaviour Response among Health Sciences Students towards H1N1 Pandemic	
M.G. Masuri, K.A.M. Isa, M.P.M. Tahir, H.F. Hassan, Z. Hassan, F.Z. Jamhuri, F.W. Yunus, S.H. Noor	77
Determinants of Prolonged Stay after Coronary Artery Bypass Graft Surgery	
Z. Khairudin	87
Environmental Stress among Part Time Students in Sarawak	
S.H. Sahari, Y.M. Yaman, A.R. Awang-Shuib	96
Family Needs of Patient Admitted to Intensive Care Unit in a Public Hospital	
F. Hashim, R. Hussin	103
Health-associated Cost of Urban Informal Industrial Sector: An Assessment Tool	
A. Nastiti, I. Prabaharyaka, D. Roosmini, T.D. Kunaefi	112
Menses and Stress Related Changes in Female Medical Students	
M. Sood, A. Devi, Azlinawati, A.M. Daher, S. Razali, H. Nawawi, Sareena, H.M. Tahir	123
Parents or Caregiver's Perception on Menstrual Care in Individuals with Down Syndrome	
N. Yaacob, N.M. Nasir, S.N. Jalil, R. Ahmad, N.A.R.A. Rahim, A.N.M. Yusof, N.A.A. Ghani	128
Stress and the Contextual Proximity of Residential Factors	
R. Cantarero, J. Potter	137
Adapting to Terrace Housing Living in Malaysia	
Z.A. Rahim, A.H. Hashim	147
Before and After: Comparative Analysis of Modified Terrace House	
E.O. Omar, E. Endut, M. Saruwono	158
To House-Owners, Style does Matter	
M. Saruwono, A.M. Rashdi, E.O. Omar	166
Motivational Factors Influencing Housing Interior Finish Choice and Preference	
Z.Z. Bako, M.M. Jusan	177
Phenomena of Spatial Bounded Choice: Students Behaviour Related to Rental Housing in Bandung as Case Study	
A. Nurdini, I.B. Harun	187
The Performance of Daylight through Various Type of Fenestration in Residential Building	
S.N.F.S. Husin, Z.Y.H. Harith	196
A Future Town Redesigned - How Movement Pattern is affected with the Concept of Night City	
S.A. Zaki, M.R. Ngesan	204
Being Neighbor to a National Park: Are We Ready for Community Participation?	
M.S. Daim, A.F. Bakri, H. Kamarudin, S.A. Zakaria	211
Connecting to the Global Circuit: Matching the Learning Cities of South-East Asia as the Preferential Place for Global Corporate Innovation Culture	
F. Yusof, F. Abdullah, Mohd.Y. Hussain, S. Selvadurai	221

New Concepts in Districts Planning, based on Heat Island Investigation S. Wonorahardjo	235
Participatory Planning in Urban Conservation and Regeneration: A Case Study of Amphawa Community W. Peerapun	243
Urban Identities: Influences on Socio-Environmental Values and Spatial Inter-Relations A. Cheshmehzangi, T. Heat	253
User's Preferences of Highway Landscapes in Malaysia: A Review and Analysis of the Literature Z. Jaal, J. Abdullah	265
Corporate Real Estate (CRE): Public Institution of Higher Learning in Malaysia M.F.B. Musa, Z.A. @ Baharum	273
Debt Composition and Attitude towards Education Loan among Malaysian Graduates N.R. Zainal, N. Ismail	280
Exploring Students Behavior on Seating Arrangements in Learning Environment: A Review M.M. Haghighi, M.M. Jusan	287
Navigating the Other Spaces: The Student Wiki Interdisciplinary Group Collaboration Project T. Byas	295
An Analytical Literature: Strategic Improvement of Sustainable Building Performance Tool for Malaysia's Higher Institutions N. Khalil, H.N. Husin, A.H. Nawawi	306
The Forgotten Children: Street Children of Chow Kit - An Architectural Odyssey M.Y. Aliaas, A.F.I. Bajunid, R. Abdullah	314
The Roles and Challenges of Parole Officers in Reintegrating Prisoners into the Community under the Parole System Z. Hamin, R.A. Hassan	324
Community Perception of Tourism Impacts and their Participation in Tourism Planning: A Case Study of Ramsar, Iran S.A. Eshliki, M. Kaboudi	333
Physical and Spiritual Attributes of Urban Heritage Street's Revitalization Z. Samadi, R.M. Yunus	342
Ritual and Space Structure: Pilgrimage and Space use in Historical Urban Kampung Context of Luar Batang (Jakarta, Indonesia) P. Puspitasari, S.A. Djunaedi, H.S.A. Putra	350
The Sustainability of Local Community under the Globalization: The Case of Kao Yi Sarn, Samutsongkram, Thailand K. Panitchpakdi	361
Changing Behavior and Environment in a Community-based Program of the Riverside Community J.M. Laurens	372
Lifestyle Related Diseases amongst Orang Asli in Peninsular Malaysia-Case Study C.N. Othman, R.A.C. Lamin, M. Farooqui, N. Sihab, S.M. Said	383
Sustainable Issues in Low Cost Housing Alteration Projects Z. Isnin, R. Ramli, A.E. Hashim, I.M. Ali	393
Vitality of Flats Outdoor Space A.A. Aziz, A.S. Ahmad, T.E. Nordin	402
Mobile Phone Usage Behaviour while Driving among Educated Young Adults in the Urban University K.A.M. Isa, M.G. Masuri, N.A.A. Aziz, N.N.M. Isa, N. Hazali, M.P.M. Tahir, S.H. Noor, A. Danis, H. Fansuri	414
Pedestrian Ways, Informalities and Urban Spectacles H. Hanan	421
Public Transport Services in Klang Valley: Customer Expectations and Its Relationship using SEM R. Kamaruddin, I. Osman, C.A.C. Pei	431
Community Gardens: Space for Interactions and Adaptations I. Agustina, R. Beilin	439
Effects of Green Open Space on Social Health and Behaviour of Urban Residents: A Case Study of Communities in Bangkok M. Khotdee, W. Singhirunnusorn, N. Sahachaisaeree	449
Evaluating the Shah Alam City Council Policy and Guidelines on the Hierarchy of Neighborhood Open Space M.A. Marzukhi, H.A. Karim, M.F. Latfi	456
Public Open Space Privatization and Quality of Life, Case Study Merdeka Square Medan A.D. Nasution, W. Zahrah	466
Public Space for Marginal People W. Kurniawati	476
Noise Generated by Raindrop on Metal Deck Roof Profiles: It's Effect towards People Activities M.F.M. Idris, M.M. Musa, S.M. Ayob	485
Tessellation Planning: 'Creating the Other Space' A.F.I. Bajunid, M.Y. Abbas, A.H. Nawawi	493
Analysis of Factors and the Impacts of Sale and Leaseback Transaction N.L.F.J. Ling	502
Assessing Service Quality: Prayer's Perspective H.F. Ariffin, R.P.S.R. Abdullah, M.F. Bibon	511

Factors Determining Athletic Footwear Design: A Case of Product Appearance and Functionality S. Promjun, N. Sahachaisaeree	520
Factors Related to Repeat Consumption Behaviour: A Case Study in Traditional Market in Bandung and Surrounding Region R.A. Rahadi	529
Seasonal Retail Franchise Identity and its Spatial Functional Design: A Case Study on Ang-Kee's Snack Kiosk N. Sunthonovard, N. Sahachaisaeree	540
Space Topology: Case Study of <i>Kakilima</i> in the Market of Kebayoran Lama, Jakarta T.Y. Harjoko, J. Adianto	545
Spatial Arrangement in Chinese and Javanese Shop House in Yogyakarta City L.D. Anggraini	557
The Environmental Ethical Commitment (EEC) of the Business Corporations in Malaysia M.D.K. Zaman	565
Assessing the Behavioural Factors' of Safety Culture for the Malaysian Construction Companies F. Ismail, N. Ahmad, N.A.I. Janipha, R. Ismail	573
Preliminary Survey of Integrated Safety Elements into Post Occupancy Evaluation for Malaysia's Low Cost Housing H.N. Husin, A.H. Nawawi, F. Ismail, N. Khalil	583
Validating Crime Prevention through Environmental Design using Structural Equation Model A. Abdullah, N.A. Razak, M.N.M. Salleh, S.R.M. Sakip	591
Small is Big: The Charms of Indigenous Knowledge for Sustainable Livelihood M.B.C. Soh, S.K. Omar	602
<i>Bastee</i> Settlements of Dhaka City, Bangladesh: A Review of Policy Approaches and Challenges Ahead M.A. Mohit	611
City Development Strategies (CDS) and Sustainable Urbanization in Developing World S.M. Rasoolimanesh, N. Badarulzaman, M. Jaafar	623
Sustainable Urbanisation on the Western Side of the Historic City of Malacca W.H.W. Ismail	632
Tall Buildings Legislations in Doha, Qatar Y. Mahgoub, B. Abbara	640
Automated House Detection and Delineation using Optical Remote Sensing Technology for Informal Human Settlement A. Asmat, S.Z. Zamzami	650
Applicability of Malaysian Standards and Universal Design in Public Buildings in Putrajaya S.A. Kadir, M. Jamaludin	659
Disabled Children in Public Playgrounds: A Pilot Study S.H.K. Soltani, M.Y. Abbas, M. Awang	670
Communal Toilet as a Collective Spatial System in High Density Urban Kampung Y.A. Yatmo, P. Atmodiwirjo	677
Contextual Factors Influencing Household Recycling Behaviours: A Case of Waste Bank Project in Mahasarakham Municipality W. Singhirunnosorn, K. Donlakorn, W. Kaewhanin	688
Issues and Policies on the Aftermath of Squatters Resettlement: A Case Study on Kg. Desa Hormat Tambahan, Selangor I. Ibrahim, N.A. Aziz, F. Hussain, N. Aminudin, M.A.Y. @ S.A.I. Yahya	698
Recycling Behaviour in Tioman Island: A Case Study S.A. Latif, M.S. Omar	707
Sustainable Consumption Practices of Students in an Urban Setting: A Case in Selangor S. Asmuni, J.M. Khalili, Z.M. Zain	716
Community Responses to Cultural Identity of the Three Religious Communities: A Case Study in Chachoengsao Province, Thailand S. Silapacharanan, W. Mongkolpradit	723
Toward Harmonious Urban Communities from the Inside Out: Validating a Multicultural Awareness Scale A.S. Awang-Rozaimie, S.H. Sahari, A.J. Ali	732
Employers' Behavioural Safety Compliance Factors toward Occupational, Safety and Health Improvement in the Construction Industry S.M. Zin, F. Ismail	742
Occupational Stress and Behaviour Studies of Other Space: Commercial Complex A.E. Hashim, Z. Isnin, F. Ismail, N.R. Muhamad Ariff, N. Khalil, N. Ismail	752