

**Asia Pacific International  
Conference on  
Environment-Behaviour Studies  
(AicE-Bs 2011 Famagusta)**

**Quality of Life and Environment**

**Procedia Social and Behavioral Sciences Volume 35**

**Famagusta, North Cyprus  
7-9 December 2011**

**Editors:**

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

**ISBN: 978-1-62748-972-0**

**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](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)



## Contents

Proceedings .....	1
Quality of Urban Life Studies: An Overview and Implications for Environment-Behaviour Research R.W. Marans .....	9
The Quality of Life and the Environment R. Keles .....	23
'Home' in the Aged Care Institution: Authentic or Ersatz R. Fay, C. Owen .....	33
Low Cost Housing Environment: Compromising Quality of Life? H.A. Karim .....	44
Environmental Colour Impact upon Human Behaviour: A Review N.A. Jalil, R.M. Yunus, N.S. Said .....	54
Fear of Crime in Gated and Non-gated Residential Areas A. Abdullah, M. Najib, M. Salleh, S.R.M. Sakip .....	63
The Effects of Social Factors on Committing Crimes: A Case Study of Darehshahr Prison, Iran A. Ayar, Y. Lotfi, E. Nooraee .....	70
The Influence of Micro Scale Environmental Characteristics on Crime and Fear E.A. Cinar, E. Cubukcu .....	83
Accessibility for Disabled in Public Transportation Terminal S.H.K. Soltani, M. Sham, M. Awang, R. Yaman .....	89
Accessibility in Buildings of Tourist Attraction: A Case Studies Comparison M. Jamaludin, S.A. Kadir .....	97
An Architectural Symphony: Fusing Disabilities with Music A. Sulaiman, A.F.I. Bajunid .....	105
Preliminary Study of Early Reading Courseware for Down Syndrome Children T.N.S.T.D. Paris, R.L. Yussof .....	113
Reading Activities Using the Scaffolding in MEL-SindD for Down Syndrome Children R.L. Yussof, T.N.S.T. Paris .....	121
Building Managers' Perception in Regards to Accessibility and Universal Design Implementation in Public Buildings: Putrajaya Case Studies S.A. Kadir, M. Jamaludin, A.A. Rahim .....	129
Enhancing Human Interaction of Knowledge Sharing in Higher Learning Workplace Environment A.R.N. Akhbar, M.F. Musa .....	137
A Study on the Identity Status of Future English Teachers F.W. Yunus, M. Malik, A. Zakaria .....	146
Malaysian Public University Learning Environments: Assessing Conduciveness through ICT Affordances M. Jamian, H.A. Jalil, S.E. Krauss .....	154
Perceptions on Taking a Daily Nap for a Better Quality of Life among Physical and Health Education Students in Malaysia A.A. Kamal, S.N. Wahida, F.W. Yunus .....	162
Success Factors of Design and Build Projects in Public Universities H. Adnan, F. Bachik, A. Supardi, M.A. Marhani .....	170
Sustaining Constructive Learning Environment: The Role of Multi-sources Regulation F.A. Rahman, J. Scaife .....	180
The Application of Teaching Aids and School Supportive Factors in Learning Reading Skill among the Remedial Students in Under Enrolment Schools A.R. Jamian, R. Baharom .....	187
The Effects of Informative Programs on the Change of Attitude and Consumption of Drugs Y. Lotfi, A. Ayar .....	195
Healing Environment: Enhancing Nurses' Performance through Proper Lighting Design N.J. Kamali, M.Y. Abbas .....	205
Quality of Life amongst HIV Positive Patients in Malaysian HIV Shelter Homes W.A.A.W. Zaidi, A. Baharudin, Y. Jamalut, B.M. Nor, F.H. Zulkapli, F.A. Hanapiah .....	213

Quality Physical Environment in Paediatric Wards: Designer's Creation versus Users' Satisfaction R. Ghazali, M.Y. Abbas . . . . .	221
Declining the Rate of Major Depression: Effectiveness of Dialectical Behavior Therapy A.K.M. Meygoni, H. Ahadi . . . . .	230
The Quality of Life and Risk Behavior of Teenagers in the Mirror of the ESPAD Data J. Spilková, D. Džúrová . . . . .	237
Assessing Quality Design of Interiors: A Case Study of a Hospital Outpatient Unit in Malaysia Z.A. Samah, N. Ibrahim, S. Othman, M.H. Abd Wahab . . . . .	245
Barriers of User's Involvement in the Design Process of Public Parks as Perceived by Landscape Architects M.I.N.M. Anuar, M. Saruwono . . . . .	253
Quality Standard and Specification for Softscape Construction in Malaysia J.A. Sani, N. Othman . . . . .	260
Towards a Better Tomorrow: Street Trees and their Values in Urban Areas M.A.A. Kadir, N. Othman . . . . .	267
Towards a Compatible Landscape in Malaysia: An Idea, Challenge and Imperatives N.H.M. Hussain, H. Byrd . . . . .	275
Analysing the City Identity of Nicosia from a Historical Perspective: External Effects, Solutions Proposed Z. Öngül . . . . .	284
City Branding and Identity M. Riza, N. Doratli, M. Fasli . . . . .	293
Deliberative Democracy: An Analysis of Citizens' Perspective in Buyukkonuk – North Cyprus E.S.A. Akortor . . . . .	301
Enhancing Living Quality: Cross-Cultural Differences in Personal Space between Kurdish and Northern Women in Iran F.M.N. Gharaei, M. Rafeian . . . . .	313
Influence of Proportion towards Speech Intelligibility in Mosque's Praying Hall A.R. Othman, M.R. Mohamed . . . . .	321
Islamic Principles and Culture Applied to Improve Life Quality in Islamic Cities M. Jamalinezhad, S.M. Talakesh, S.H.K. Soltani . . . . .	330
Sense of Community in Taiwan and its Relationships with the Residential Environment Z. Heng, S.-H. Lin . . . . .	335
Solidarity and Mutual Assistance in Low-Income Communities: Everyday Practices to Overcome Scarcity and Improve Quality of Life, Recife, Brazil E. Alcântara, F. Furtado, C. Monteiro . . . . .	344
The Contribution of Shadow Puppet's Show through Engaging Social Communication in Modern Society W.N.R.W. Ramli, F. 'Aini Lugiman . . . . .	353
Cooling Potentials and CO <sub>2</sub> Uptake of Ipomoea Pes-Caprae Installed on the Flat Roof of a Single Storey Residential Building in Malaysia A. Ismail, M.H.A. Samad, A. Malek, A. Rahman, F.S. Yeok . . . . .	361
Examination of Vulnerability of Various Residential Areas in China for Earthquake Disaster Mitigation X. Ma, R. Ohno . . . . .	369
Guarding Antarctic from Global Warming is the Key to Pristine Urban Communities R.M. Shah, H.A. Rahman . . . . .	378
"Scientists Paradise": Environmental Sustainability and Policy Governance R.M. Shah, R. Hashim . . . . .	384
The Impact of CO <sub>2</sub> on Economic Growth in Asean 8 H. Borhan, E.M. Ahmed, M. Hitam . . . . .	389
The Madrid Protocol 1991 and its Environmental Impacts towards the Quality of Life N.A. Hanifah, R. Hashim . . . . .	398
Occupants' Responses on Rain Noise Underneath Metal Deck Roof System M.F.M. Idris, A.I.N. Hamzah, S.M. Ayop . . . . .	404
Characteristic of Public Small Park usage in Asia Pacific Countries: Case Study in Jakarta and Yokohama City S. Mutiara, K. Isami . . . . .	412
Improvement Quality of Life for an Anatolian Traditional Settlement: Konya-Sille Case F. Akıanoğlu, E. Erdoğan . . . . .	420
Evaluation of Outdoor Environment from the Viewpoint of Children S. Oloumi, M. Mahdavejad, A. Namvarrad . . . . .	431
Time Constraints in Emergencies Affecting the Use of Information Signs in Wayfinding Behavior M.-C. Zheng . . . . .	440
Urban Green Space Analysis and Identification of its Potential Expansion Areas M.M. M'ikiugu, I. Kinoshita, Y. Tashiro . . . . .	449
Predictors of Place Attachment in Urban Residential Environments: A Residential Complex Case Study H. Kamalipour, A.J. Yeganeh, M. Alalhesabi . . . . .	459

Design Principles of Residential Spaces to Promote Children's Creativity M. Faizi, A.K. Azari, S.N. Maleki . . . . .	468
Architectural Design Criteria of Socio-Behavioral Approach toward Healthy Model M. Mahdavinejad, S. Mansoori . . . . .	475
"Housing Quality" To the Low Income Housing Producers in Ogbere, Ibadan, Nigeria J.B. Emmanuel . . . . .	483
Diversity for Better Quality of Community Life: Evaluations in Famagusta Neighbourhoods S. Saeidi, D. Oktay . . . . .	495
Perception of Safety, Social Participation and Vulnerability in an Urban Neighbourhood, Lagos, Nigeria S. Okunola, D. Amole . . . . .	505
Environmental Performance Measurement of Tourism Accommodations in the Pilgrimage Urban Areas: The Case of the Holy City of Mashhad, Iran A. Aminian . . . . .	514
Regenerating Regional Identity for Sustainable Tourism Development Case Study: Eslami Island, Iran R.M. Sani, P. Mahasti . . . . .	523
Baby Care Room in Shopping Malls: Accessibility to Malaysian Public N.F.N. Azhari, H. Salam, M.N. Hasbullah . . . . .	531
Design Preferences and Consumer's Selection Principles M. Awang, S.H.K. Soltani, H.S. Hajabbasi . . . . .	539
Impact of Night Commercial Activities towards Quality of Life of Urban Residents M.R. Ngesan, H.A. Karim . . . . .	546
Port City Development and Quality of Life in Pasir Gudang Port, Johor, Malaysia J. Abdullah, Z. Ahmad, R.N. Hafizah, R.A.S.N. Anor . . . . .	556
The Impact of Atmospheric Stimuli of Stores on Human Behaviour A. Kusumowidagdo, A. Sachari, P. Widodo . . . . .	564
A Safe Pedestrian Walkway: Creation a Safe Public Space based on Pedestrian Safety S. Movahed, S.P. Azad, H. Zakeri . . . . .	572
Behaviour Based Approach for Quality and Safety Environment Improvement: Malaysian Experience in the Oil and Gas Industry F. Ismail, A.E. Hashim, W.Z.W. Ismail, H. Kamarudin, Z.A. Baharom . . . . .	586
GIS based Multi-Criteria Decision Making for Landslide Hazard Zonation A.N. Othman, W.M.W. Mohd. Naim, S. Noraini . . . . .	595
Integration of Occupational Safety and Health during Pre-Construction Stage in Malaysia N.M. Saifullah, F. Ismail . . . . .	603
The Organisational Environment-Behaviour Factors' Towards Safety Culture Development F. Ismail, R.H. Salimin, R. Ismail . . . . .	611
A Comparative Study of Walking Behaviour to Community Facilities in Low-Cost and Medium Cost Housing D.I. Azmi, H.A. Karim . . . . .	619
Road Network System in Port Klang, Malaysia and Impacts to Travel Patterns N. Anor, Z. Ahmad, J. Abdullah, R.N. Hafizah . . . . .	629
Evaluating Revitalizing Toolkit towards a Quality Heritage Street Establishment Z. Samadi, R.M. Yunus, D. Omar . . . . .	637
The Influences of Access Improvements in Pedestrian Street Use S.B. Hosseini, S.N. Maleki, A.K. Azari . . . . .	645
The Malaysian Cul-De-Sac Neighbourhoods: Does it Foster Social Cohesion of Communities? A.F.I. Bajunid, M.Y. Abbas, A.H. Nawawi . . . . .	652
An Urban Outdoor Environment in the 'Textile District' of Jalan Tuanku Abdul Rahman, K. Lumpur Z. Samadi, N.M.N. Mohammad . . . . .	659
Urban Public Spaces and Vitality: A Socio-Spatial Analysis in the Streets of Cypriot Towns S. Jalaladdini, D. Oktay . . . . .	664
A Survey Study on Environmental Consciousness in Famagusta B. Asilsoy . . . . .	675
Environmental Problems and Quality of Life: Situational Factor as a Predictor of Recycling Behaviour S.A. Latif, M.S. Omar, Y.H. Bidin, Z. Awang . . . . .	682
Factors Influencing the Construction Cost of Industrialised Building System (IBS) Projects N.A.A. Bari, R. Yusuff, N. Ismail, A. Jaapar, N. Ahmad . . . . .	689
Multicultural in Indonesia's Biofuel Innovation Initiative: Critical Issues of Land Use and Sustainable Environment I. Nurlaila, S. Yuliar, R. Amir . . . . .	697
Planning Park for Liveable Cities: Green Technology Design Practice for Tasik Biru Kundang, Kuang, Selangor, Malaysia R. Saffuan, J. Ariffin, Z. Amin . . . . .	705
Online Social Networking for Quality of Life N. Din, S. Yahya, R. Suzana, R. Kassim . . . . .	713

Ethical Issues in the Construction Industry: Contractor's Perspective H. Adnan, N. Hashim, N.M. Yusuwan, N. Ahmad .....	719
Important Qualities of Design Teams in Managing Client's Brief and their Impact on Delivering Quality Buildings N. Ahmad, A. Jaapar, H. Adnan, N.A.A. Bari, R.A. Rashid .....	728
Quality Work Life among Factory Workers in Malaysia S.M. Noor, M.A. Abdullah .....	739
The Interior Design of Workplace and its Impact on Employees' Performance: A Case Study of the Private Sector Corporations in Egypt R.M.A. El-Zeiny .....	746
Value Management in the Malaysian Construction Industry: Addressing a Theory and Practice Gap A. Jaapar, M. Zawawi, N.A.A. Bari, N. Ahmad .....	757
Students' Behaviour towards Energy Conservation and Modes of Transportation: A Case Study in Mahasarakham University W. Singhirunnusorn, P. Luesopa, J. Pansee, N. Sahachaisaeree .....	764
Conflict Prevention in Partnering Projects H. Adnan, S.M. Shamsuddin, A. Supardi, N. Ahmad .....	772