

Document details

[Back to results](#) | 1 of 1[Export](#) [Download](#) [Print](#) [E-mail](#) [Save to PDF](#) [Add to List](#) [More...](#)[Full Text](#) [View at Publisher](#)Assistive Technology Research Series
Volume 35, 2014, Pages 299-306

Universal design and accessibility: Towards sustainable built environment in Malaysia (Conference Paper)

Rahim, A.A.^a Zen, I.^b, Samad, N.A.S.^c, Rahim, C.R.C.^c ^aDepartment of Architecture, Kulliyah of Architecture and Environmental Design (KAED), International Islamic University Malaysia, Malaysia^bDepartment of Landscape Architecture, Malaysia

Abstract

[View references \(21\)](#)

An overview about the present status of the facilities, awareness and research related to Universal Design in Malaysia since its independence in 1957. For the last 10 years, Malaysia has shown exponential growth in every aspect, and Malaysia government has given numerous supports towards attending the needs of disadvantaged groups including women, children, single parents, elderly and Persons with Disabilities (PWDs). Many standards, regulations, code of practice and guidelines have been developed to have good accessibility, connectivity, usability and seamlessness in built environment. Recently, various groups, including professionals in the building industry have implemented universal design and accessibility in their projects and development. The methodology applied includes table research, observation and access audit at several case studies of public buildings in Putrajaya. KAED Universal Design Unit (KUDU) of International Islamic University Malaysia was formed with the intention to promote the application of universal design in the built environment and product design, as well as to disseminate research findings through international conferences, symposiums, workshops and product competitions. Universal Design is offered as a subject in IIUM Architecture programme, to instil graduates in understanding of the concept of 'barrier free' design for all, 'inclusive design' and 'universal design' and their application. © 2014 The authors and IOS Press.

Author keywords

[accessibility](#) [KAED Universal Design Unit \(KUDU\)](#) [Persons with Disabilities \(PWDs\)](#) [Sustainable Built Environment](#) [Universal Design](#)

ISSN: 1383813X

ISBN: 978-161499402-2

Source Type: Book series

Original language: English

DOI: 10.3233/978-161499403-9-299

Document Type: Conference Paper

Publisher: IOS Press

References (21)

[View in search results format](#) All [Export](#) [Print](#) [E-mail](#) [Save to PDF](#) [Create bibliography](#)

- 1 (2011) World Health Organization Report

- 2 Keates, S., Clarkson, J. (2003) Countering Design Exclusion: Bridging the Gap between Usability and Accessibility. Cited 179 times. [Universal Access in the Information Society 2](#)

Metrics

[View all metrics](#)

2.69

Citations in Scopus

75th Percentile

1.68

Field-Weighted Citation Impact

Usage, Citations, Mentions,
Social Media and Citations
beyond Scopus.

Cited by 2 documents

Young professionals' housing affordability through housing preferences in Kuala Lumpur and a review on the means-end chain model

Sohaimi, N.S., Abdullah, A., Shuid, S. (2017) *Planning Malaysia*

Sidewalk accessibility at Melaka's traditional streets for people with disabilities (PWDs)

Jalafar, N.H., Rahim, A.A., Samad, N.A. (2017) *Planning Malaysia*

[View all 2 citing documents](#)

Inform me when this document is cited in Scopus:

[Set citation alert](#)[Set citation feed](#)

Related documents

Universal design for people with disabilities: A study of access provisions in public housing estates

Chan, E.H.W., Lee, G.K.L., Chan, A.T.S. (2009) *Property Management*

Methodology for developing ICT based course material for children with a developmental disability based on EPISODE

Izuneyama, T., Goto, T., Nishino, T. (2015) *Proceeding - 2015 IEEE International Conference on Industrial Informatics, INDIN 2015*

A bridging design prototype for investigating concept mapping in