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Stakeholder priorities for inclusive accessible housing: A systematic review and multicriteria decision analysis

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JOURNAL OF MULTI-CRITERIA DECISION ANALYSIS
Volume: 27 Issue: 1-2
DOI: 10.1002/mcda.1689
Published: JAN 2020
Early Access: JUL 2019
Document Type: Review

Abstract

The lack of inclusive, accessible housing that meets the needs of people with physical and cognitive disability is a global issue. The inadequacy of inclusive housing development is partly a result of divergent priorities and poor coordination between housing, health, and disability sector stakeholders-public and private developers, designers, architects, occupational therapists, and disability service organizations. This paper provides findings from an Australian Research Council funded study where the analytic hierarchy process (AHP) was utilized to compare and contrast inclusive housing development priorities among relevant stakeholders. A multistage process was undertaken to ascertain the AHP criteria for inclusive housing development decisions, including a systematic review of peer-reviewed and grey literature, in addition to a structured focus group with end users (n = 17) and an industry stakeholder online survey (n = 130). Finally, a subgroup of industry stakeholders (n = 29) representing the housing, health, and disability sectors completed the AHP to establish decision priorities. The final AHP model indicated three broad clusters of decision priorities for inclusive accessible housing development: end-user connectedness, building considerations, and feasibility, respectively. Global weights conclude that specific end-user connectedness elements, namely, "access to health care," "community engagement," "proximity to transport," and "security and safety," were the foremost priorities. It is expected that inclusive housing development decisions that integrate the connectedness of end users first and foremost, with building and feasibility priorities, will favourably impact the housing opportunities and choices for people with disability.

Keywords

Author Keywords: [analytic hierarchy process](#); [community engagement](#); [disability](#); [inclusive housing](#); [systematic review](#)
KeyWords Plus: [ANALYTIC HIERARCHY PROCESS](#); [MULTIPLE-SCLEROSIS](#); [DISABILITY](#); [EMPLOYMENT](#); [HEALTH](#); [ADULTS](#); [PERSPECTIVE](#); [PROVISION](#); [WORKING](#); [CONTEXT](#)

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Funding

Funding Agency	Show details	Grant Number
Motor Accident Insurance Commission Queensland		
Australian Research Council		LP140100446

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Publisher
WILEY, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA

Categories / Classification
Research Areas: Business & Economics
Web of Science Categories: Management

Document Information
Language: English
Accession Number: WOS:000479811000001
ISSN: 1057-9214
eISSN: 1099-1360

Other Information
IDS Number: KR0CQ
Cited References in Web of Science Core Collection: 51
Times Cited in Web of Science Core Collection: 0

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