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Preferences for sustainable, liveable and resilient neighbourhoods and homes: a case of Canberra, Australia

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Highlights

- Presents a synthesis of a review of empirical literature evaluating the important sustainable, liveable, and resilient features of the neighbourhood and home
- It is the first one of its kind to evaluate all three – sustainable, liveable, and resilient – features of both the neighbourhood and home in a single study.
- Ascertained an importance ranking by home buyers for a comprehensive list of home and neighbourhood features (67 neighbourhood features and 38 features of the home)

Abstract

Australian households are faced with rising energy costs and increasing occurrences of extreme weather events, such as hail storms and heat waves, due to the effect of climate change and related policies e.g. carbon tax. Consequently, there has been increasing effort into designing homes and neighbourhoods that have built-in or retrofitted sustainable features such as solar panels to ensure that households are able to secure their own supply of electricity in times of shortages, as well as save on utility bills. The objective of this paper is to understand people's preferences for characteristics of sustainable neighbourhoods and homes using a case study of 300 residents in Canberra, Australia. Findings from this survey suggest that housing affordability, energy saving designs for good

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