

永續發展概念應用於集合住宅規劃設計因子之初探

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摘要

After the concept of sustainable development was advocated and promoted by the United Nations, the concept is widely applied to the researches on the capability of regional living environment for practical and effective. In Taiwan, the development of living environment is restricted by crowded people and limited land. Therefore, housing has become a main living pattern. Although housing provides enough living space, problems exist. For example, most of the housing was standardized, the design process was formulary, the structure was disassembled arbitrarily, and architecture was used illegally. Under such conditions, resources consumed seriously! If the concept of sustainable development can be applied to planning and designing, it will uplift the quality of the entire living environment! Based on the above, this study established 4 aspects by combining the theory of "Open Building" and the concept of "E. S. L. P. - Environment". Under these 4 aspects, 33 possible factors were determined. After that, we adopted Fuzzy Delphi Method to gather the opinions of experts and scholars and bolted the final 18 factors from the 33 ones. To improve the housing environment, these 4 aspects and 18 factors can be applied to housing planning and designing, and become concrete references for future research.

關鍵字：Sustainable Development; Housing; Open Building; Fuzzy Delphi Method