

The Application of Green Technology to Residential Architecture in Hangzhou

Authors : Huiru Chen, Xuran Zhang

Abstract : At present, the residential architecture in China are still causing high energy consumption and high pollution during their whole life cycle, which can be backward compared with the developed countries. The aim of this paper is to discuss the application of green technology to residential architecture in Hangzhou. This article will start with the development of green buildings, then analyzes the use status of green technology in Hangzhou from several specific measures. Analysis of the typical existing green residential buildings in Hangzhou is an attempt to form a preliminary Hangzhou's green technology application strategy system. Through research, it has been found that the application of green technology in Hangzhou has changed from putting green to the facade, to the combination of the preservation of the traditional green concept and the modern green technology.

Keywords : application, green technology, Hangzhou, residential architecture

Conference Title : ICRALED 2018 : International Conference on Residential Architecture and Landscape Design

Conference Location : New York, United States

Conference Dates : August 27-28, 2018