

## ASSESSING THE BENEFITS OF BIOPHILIC AND ENVIRONMENTAL STUDENT' ATTITUDE TO ITS DESIGN FOR URBAN SUSTAINABILITY: A CASE OF WAZIRI UMARU FEDERAL POLYTECHNIC, BIRNIN KEBBI

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### Abstract

*Biophilic elements are natural elements that promote closeness to nature. Green design is a basic form of the biophilic design elements. The aim of this paper is to examine the relevance of green infrastructure in sustainable development. The objectives are to; assess environmental benefits of biophilic design and; identify factors affecting biophilic design. The study employed both primary and secondary data. The sample frame as an estimated number of 841. The environmental students are made up of Urban and Regional Planning, Architecture, Quantity Surveying, Land Surveying and Geo-formatics, Estate Management and Building Departments. 265 copies of structured questionnaire were administered to the students. Descriptive statistics using frequency table and mean score was adopted for data analysis. The research deduced that all the environmental benefits of green environment identified, the respondents had satisfactory remark at a percentage that is not less than 72.5%. The research revealed that of all the factors identified to be affecting biophilic designs, the biophilic culture is mostly affected by rules and regulations affecting green design. It is recommended that biophilic education and awareness be promoted at all levels of government institutions, private sectors and at all government agencies.*

**Keywords;** Biophilic, Cities, Design, Development, Green, Sustainable.