

Biophilic Research Trends: An Overview Research From 2016-2021

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Abstract

Biophilic is a concept used in the building industry. Its application is to improve the connectivity of residents to the natural environment with direct nature, indirect nature, as well as the conditions of space and place. Therefore, biophilic is an important concept to study. Biophilic interests then prompted this research to be carried out. This research was conducted to find research mapping related to biophilic using bibliometric methods. The data used in these studies based on Scopus database during 2016-2021. The analysis is based on information available on the Scopus website which is also visualized with VOSviewer. The results of this study found about 364 documents on Scopus database. The most type of publication document related to biophilic is article document with 234 documents. The countries with the most document being in the United States with 89 documents. The affiliate with the dominating number of 11 documents is Curtin University. While research with the subject area of Environmental Science has the largest percentage which is 147 documents. Research trends related to biophilic through VOSviewer visualize, found there is 3 cluster related with biophilic research which is red cluster is biophilium, green cluster is system, and blue cluster is effect. Based on VOSviewer visualize found there is 10 authors with 2 author who network each other in biophilic research.

Keywords

Biophilic, research, trend, bibliometric

Biographies

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Fairuz Iqbal Maulana is a lecturer at the College of Computer Science, Bina Nusantara University, Indonesia. He earned two master's degrees, the first in the field of Interdisciplinary Program of Information System, Pukyong National University (PKNU), Busan, South Korea. The second in the School of Electrical Engineering and Informatics (STEI), Bandung Institute of Technology (ITB), Indonesia, with specializes in Multimedia and Games. His research fields are Game Programming, Computer Vision, Facial Recognition, Augmented Reality, Virtual Reality for education, Internet of Things. He is the head of the Digital Technopreneur Laboratory Bina Nusantara University in Malang campus.

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