

Data Mining for Adobe in Perspective of Sustainability and Management



Gizem Can¹(Asst.Prof.Dr., Istanbul Medipol University,
gizem.can@medipol.edu.tr)

Elçin Filiz Taş²(Prof.Dr., Istanbul Technical University,
tase@itu.edu.tr)

ABSTRACT

Adobe is a natural material which has been used for many years. Although it was used in primitive architecture in early years of the world, it continues to be used as an effective and sustainable material for today's architecture. Adobe is one of the key factors for architecture to save the sources and provide sustainability of investment. Hence, it becomes important to manage the adobe structures to ensure efficient material because of sustainability. Many researchers tend to analyze and evaluate the adobe in different perspectives. As a result of this, in this paper it is aimed to conduct an extensive literature study which focuses on the relationship between adobe, sustainability and management. For the comprehensive literature study, articles belonging last ten years are examined by using Scopus to determine the gap between adobe, sustainability, and management. It is thought that this study could be used for further studies as a compact data as well as identifying current gap areas of adobe research.

Keywords: Adobe, sustainability, management, adobe architecture