Environmental healthy requirements in residential buildings: Amman as a case study

Abstract
This paper discusses the requirements of having healthy environment in the Jordanian residential buildings, in general, and in Amman particularly, considering the healthy problems and the consequences of deceases, shortage of comfort and difficulty in using the spaces.

The study presents a real problematic case in Jordan because of norms and executive instruments which are rarely ensure the minimum requested for a healthy environment in the modern buildings, especially regarding the natural aeration and illumination requirements.

The paper discusses also the building regulation in Grater Amman Municipality and the Jordanian Building Cods concerning the healthy environment. It uses an analytical scientific approach and a comparison with developed countries in this field (particularly: Lombardia Italian Region).

Moreover, it describes some regulation problems and contradictions among deferent norms, which obstacle the realization of acceptable quality of a healthy regulation. The paper's conclusions aim to update the Jordanian cods and building regulations in the field of residential healthy environment, particularly regarding the architectural spaces, aeration and illumination.