

## **The role of sustainable interior design in treating sick residential building syndrome**

**Assist. Lect. Rana Ibrahim**

**Assistant Lecturer at the Higher Institute of Applied Arts - Fifth Settlement**

[ransarafa2@gmail.com](mailto:ransarafa2@gmail.com)

### **Abstract:**

Housing is one of the essential human needs. Pollution of environmental elements such as air can lead to many health problems. For example: pollutants in the indoor air in the home can cause various disease phenomena, one of which is "sick building syndrome". This research discusses sick buildings, and it is that 70% of its users feel uncomfortable and sick, which is reflected in their productivity and activities. The theoretical side dealt with the concept of environment, environmentally diseased buildings, symptoms of building disease syndrome, and sustainability in interior design by addressing environmentally friendly materials and their characteristics, and here appeared the urgent need for sustainable interior design, which establishes an internal environment model that meets the requirements of comfort, and increases the positive exchange between the building and the environment. They are sustainable in use that do not harm the environment and are recyclable.

### **Research problem :**

Loss of an integrated environmental vision for sustainable interior design based on employing environmentally friendly materials to reduce harmful pollutants in the indoor environment.

Research goal:

Reaching an integrated environmental vision that depends on monitoring and employing environmentally friendly materials with internal design elements to achieve the quality of the internal environment.

### **research importance :**

Highlighting the importance of positive sustainable interior design to treat the phenomenon of sick residential buildings syndrome and highlighting the use of environmentally compatible materials that are compatible with the spirit of the age in the field of interior design.

### **Research hypotheses :**

Activating the standards of sustainable interior design, especially the employment of sustainable materials, leading to an integrated environmental design vision that limits the negative effects on the internal and external environment.

### **Research Methodology :**

The research follows the inductive approach.

### **key words :**

Environment - Environmentally Sick Building Syndrome - Environmentally Compatible Buildings – Sustainability