

Environmentally sustainable interior design technology in light of the spread of global epidemics

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Abstract :

The world has evolved a lot recently, as the world has witnessed six epidemics from the twenty-first century until now, the first of which was severe acute respiratory syndrome, Middle East respiratory syndrome, Ebola, bird flu, swine flu, and finally the emerging corona epidemic. If we had already entered the era of epidemics, it was necessary to conduct many studies, that we will deal with in our study, as it was found that interior designers must start applying new standards for designing the internal and external vacuum, including for example, taking into account advanced basics to study interior and exterior design elements (floors, walls,, lighting, ventilation) and determine the number of people who live in one internal space. As architecture is a mirror that reflects the culture of society, as it expresses the identity of the designer, his personality and the extent to which he keeps pace with emergent and changing events, therefore, architectural and design creativity is characterized in most of its designs by seeking to design external and internal vacuum that remain safe and livable and whose vacuum are not devoid of their occupants once an epidemic breaks out. The occupants of a single interior space are not concerned about being with each other.

To activate this, the most important precautionary measures that must be taken into account when epidemics spread will be identified, the basic design principles necessary to limit the rapid spread of epidemics in the internal void will be identified, on the one hand, a new vision of the contemporary interior space design elements (shape, void, function), and on the other hand, presenting a new vision for developing traditional methods that are already present in the internal vacuum with advanced technology, to reach environmentally sustainable internal spaces capable of withstanding in the face of pandemics and epidemics.

Keywords :

Epidemics, interior design, technology