

Renewable energy and its impact on contemporary sculpture

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Abstract:

All efforts in recent times are seeking to preserve the environment with its contents of organisms and plants through sustainable design to activate the positive impact of the environment on human well-being and health, through the study of natural systems and their impact, to advance the concept of green design and its recycled materials from natural resources towards human values. The creative system is fundamental to reshaping the contemporary design map and curricula in a way that is compatible with global environmental systems. Richard Wilson, founder of the Kolab Library, one of the most important institutions that aims to review the latest sustainable materials in the field of design and its environmentally friendly sources, confirms that modern technical developments have affected the issue of production and manufacturing. Materials and their ability to simulate the structural and morphological properties of natural materials, such techniques and others in the field of reproducing and creating more effective and more sustainable industrial materials

Where the researcher sought to identify the specific criteria that she assumes from sustainable materials on the design of sculptural works. Sustainability is a set of vital processes that provide the means of life for living organisms of all kinds, which helps them to maintain the succession of generations, and to develop the means for their growth over time.

Through the four principles of applying sustainability, which are "Sustainability Scope - Resources - Technology - Sustainability Scale", the research presents how the sculptor deals with these principles to achieve and quality as an active element in that environmental system through his sculptural works, which in turn lead an aesthetic message and a utilitarian goal.

Over the past few years, various debates have emerged that have emerged from environmental, economic and societal concerns that use the words sustainability and sustainability as semantics, if properly understood, and those interested have implemented means to achieve degrees of sustainability

Keywords:

Energy, renewable, contemporary sculpture