



ISSN: 2735-5403

VOLUME 4, ISSUE 2, 2021, 1-7.

www.egyptfuture.org/ojs/

Integrative Relationship between Environmental Architecture and InteriorDesign towards Sustainability

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Abstract

Sustainable design is a global trend that governments and international organizations interested in preserving the environment and its natural resources. The research is intended to clarify the concept of sustainability and its role in architecture and interior design and how to create integration and harmony between interior architecture, outdoor and the environment. Therefore, the design process requires from the designer to balance between the values of the technical formation and the aesthetic, so the extent of the relationship to the environment and its Integration with it. The designer must take advantage of environmental characteristics to integrate functional and aesthetic visions to create flexible designs to achieve harmony and unity between interior architecture and environmental vocabulary.





ISSN: 2735-5403

VOLUME 4, ISSUE 2, 2021, 1-7.

www.egyptfuture.org/ojs/

The important issue is the integration of technological and ecological sciences to minimize the negative impacts on the environment to achieve the integrative relationship between environmental architecture and interior design towards sustainability.

Keywords

Ecology - Environmental architecture - Interior design - Sustainability

Introduction

The integrative relationship between environmental architecture and interior design aims to preserve the environment and minimize the negative effects of pollution and visual distortion, Through the application of environmental concepts and sciences such as sustainable design and green architecture that govern the relationship between buildings and the environment also it respects the right of future generations in a functional and aesthetically healthy life protects the environment through the optimal utilization of natural resources.





ISSN: 2735-5403

VOLUME 4, ISSUE 2, 2021, 1-7.

www.egyptfuture.org/ojs/

Also reduces energy consumption and rely more renewable clean energy sources. Hence the importance of rooting the concept of environmental architecture in the design of modern buildings interior and exterior in a manner that respects the surrounding environment and characteristics the and adapts to natural conditions functionally and aesthetically, Through the adoption of environmental sustainability methods based on the ecological aspects and the application of modern technology, which poses a new challenge to the field of interior design in how to deal with the design data aimed at putting environmental considerations in the top priorities The research deals with a variety of solutions and alternatives used in modern buildings that environmentally designed according are environmental design trends, and different ways to apply these trends in architecture and interior design to achieve sustainability.

Research problem:

- Lack of awareness of the important role of architecture and interior design in solving environmental problems and ensuring the sustainability of natural resources.
- -The absence of an organized database to help implement the concept of sustainability, including research and analysis and the incorporation of knowledge in the process of creativity and integration between environmental design and interior design.





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Objectives:

- -Clarify the concept of sustainability and its role in architecture and interior design.
- -Confirm the concept of balance between the values of the technical formation and the aesthetic.
- -Solve the relationship between the architecture and interior design to minimize the negative effects and visual distortion in the environment.

Research importance:

- -To highlight the role of sustainable architectural and interior design in achieving balance and integration between design and environment.
- -The research deals with sustainability concepts and principles of the integrative relationship between environmental architecture and interior design.

Methodology:

Search by inductive analytical approach through the specialized information for relationship between the environmental architecture and interior design towards sustainability.

Research work:

The research addresses the concepts and principles of sustainability of the integrative relationship between environmental architecture and interior design, to emphasize the importance of inspiration from the local environment and traditional architecture to link the benefits of environmental, economic and innovative applications concepts of sustainable and green architecture, for employing them in modern buildings and meet the needs of the adapts to the current era by uses scientific and technological progress in the construction and interior and outdoor design of architecture compatible with the environment.





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The designer must planning as use as the mind maps to reach the optimal design that achieves the integrative relationship between environmental architecture and interior design towards sustainability by preservation of the environment and natural resources to ensuring the future of future generations. Mind map of planning to the integrative relationship between environmental architecture and interior design towards sustainability.



Results and Discussion

The aim of the research is to try to find an application of the concept of sustainability and design thought in the field of architecture and interior design through a multi-dimensional design language, which combines the positive aspects of both





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VOLUME 4, ISSUE 2, 2021, 1-7.

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rooting and contemporary and non-uniqueness of each other to achieve creative values in the formulation of interior space.

-The important issue is the integration of technological and ecological sciences to minimize the negative effects on the environment and to achieve the integrative relationship between environmental architecture and interior design towards sustainability.

The importance of rooting the concept of environmental architecture in the design of modern buildings interior and exterior in a manner that respects the surrounding environment and its characteristics and adapts to the natural conditions functionally and aesthetically , Through the adoption of environmental sustainability methods based on the ecological aspects and the application of modern technology, which poses a new challenge to the field of interior design in how to deal with the design data aimed at putting environmental considerations in the top priorities

Conclusion

The designer must take advantage of environmental characteristics to Integrate functional and aesthetic visions to create flexible designs, which achieving harmony and unity





ISSN: 2735-5403

VOLUME 4, ISSUE 2, 2021, 1-7.

www.egyptfuture.org/ojs/

between Urban, layout, outdoors, architecture, Interior designs, furniture and environmental sustainability.

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