

Organic Architecture

Overview

Organic architecture is a movement that looks to promote a harmony in the habitation of humans vs the sustainability of the environment.

Principles

Materials:

Organic architecture uses minimal material usage to define the building in attempts to allow it to blend with the land.

Shelter and Space:

Organic architecture should provide a sense of shelter and safety within the building. Space is the most core pillar of organic design, where

Proportion and Scale

Due to the aim of organic architecture being to blend with nature organic designs need to keep similar scale and proportions to the landscape around them.

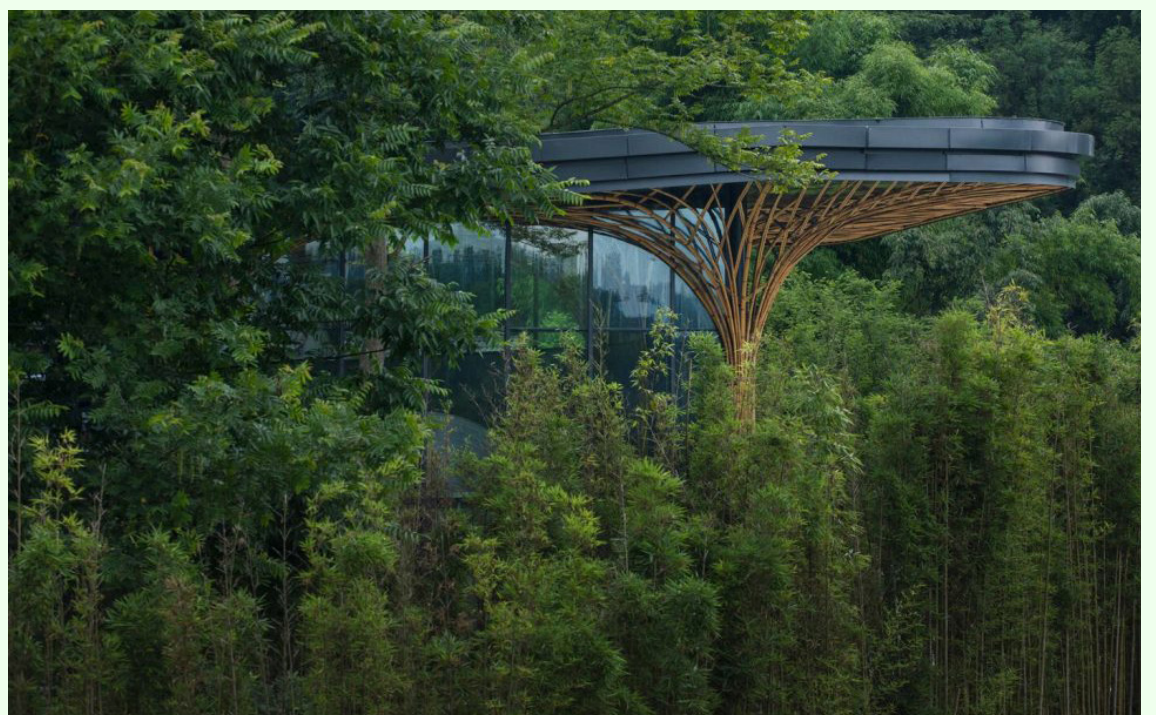
Nature

Nature is a key teacher for design. Organic architecture closely follows organic and natural forms.



<https://bit.ly/3H6FtZ8> - Niko Architect, "House in the Landscape"

The blend of the house with the landscape. The form of the house effectively blends and subtly hides itself within the surrounding terrain while the bright and open style of the interior look to open the house to the surrounding world.



<https://parametric-architecture.com/organic-architecture-harmony-between-nature-and-built-environment/>
Qionglai Bamboo Pavilion © UNO Architects

The Qionglai Bamboo Pavilion is a recent example of organic architecture, some of the key aspects of the design is the wide and tall floor to ceiling windows and the tree stylized Biomimetics supports for the roof's overhang these points allow large amount of light to be let in and supply a connection with the land

MINIMALIST ARCHITECTURE

Overview

Minimalist architecture looks to explore the functionality of space without cluttering up. Focusing on the thought of “Less is more” minimalist designs incorporate open spaces and simple materials to bring a space to life

Principles

Simplicity in form:

Minimalist architecture follows the idea of form following function and the geometric forms.

Use of Open Space

Minimalism follows the use of large open spaces to convey a feeling awe.

Honest Use of Materials

Minimalist design involve reduced usage of materials.

Usage of Natural Light

Minimalist design looks to large amounts of natural light to accompany spaces. This large amount of light gives the spaces a large sense



<https://parametric-architecture.com/ludwig-mies-van-der-rohe-the-minimalist-of-the-20th-century/>

The Farnsworth House is an iconic minimalist design. The design is light and delicate. The simplistic elevated design is a result of its location of the floodplain give it a sense of floating which could be replicated and extended in a virtual setting. The simple large windows also provide a large amount of natural light into the space



<https://en.wikiarquitectura.com/building/dupli-house/>

The German Dupli house displays how in a residential setting minimalist design can adapt to its surroundings. By molding to the terrain the form closely follows the terrain. The clean materials gives the building an allure of simplicity which lets it remain distinct from the detailed textures of the landscape alongside vastly different colours throughout the house.

Art-Deco Architecture

Overview

Art-deco design was born through the rise in the machine age, where more complex and beautiful designs could be made easier. As a result many art deco buildings focus on the small details and works of craft.

Principles

Focus on crafts

Art deco focuses on the small details present in the buildings and the people who put effort into making them.

Complex Shapes

Art deco being at the birth of the machine age allowed more complex forms for the building.



<https://whatson.melbourne.vic.gov.au/things-to-do/manchester-unity-building>

The Manchester united building is one of Melbourne iconic art deco buildings the spires accompanying the roof help to give the form intricate details common within art deco designs. the window frames are also ornately decorated bringing attention to the building and inviting people inside.



<https://chryslerbuilding.com/>

The Crysler building is a famous icon of the New York skyline. its golden crown emanates progress and modernity, key principles of art-deco designs. The incorporation of the corrosion resistance paneling of the skyscraper identifies the usage of the machine age from the time of its construction. The complex designs of the lobby such as the murals and metalwork depict art-deco ideas of speed, progress and flight.