

## **ECOLOGY IN LANDSCAPE ARCHITECTURE**

Landscape architecture is the architecture of open spaces. It forms a comfortable environment between man and nature. It unites comfort and esthetics together. It has many functions, and some of them are: creating optimal conditions for saving the natural features of the landscape, landscaping (parks, squares), an aesthetic moment in human's life. In addition, one function that I want to highlight today and which I want to talk more about is making the space around us ecological.

Our modern rhythm of life is too fast, especially if you live in a big city. One of the problems of densely populated cities is the high closeness of buildings, people, and cars. We need clean air, and plants help us with this, because they take the burden of cleaning the air.

Vegetation has a positive effect not only on the oxygen concentration in the air: it reduces the noise level produced by people or cars and the concentration of dust in the air; it cleans of harmful gasoline vapors. Trees are also planted along roads, especially where fields with cultivated plants are located nearby. This allows reducing the influence of adverse substances on the soil and on the plants. Vertical gardening helps to reduce the overheating of the walls of the building in the summer and the hypothermia in the winter; they protect the walls from excessive moisture.

We need to have zones for outdoor activities, where we can spend our time with family and friends. Some territories are not favorable for use and they need to be transformed. Some types of plants help strengthen the boundaries of slopes and cliffs. People also make landings that protect the areas from strong winds. When trees are planted in a row they help reduce wind speed. In southern cities, alleys are planting from tress with wide crowns, which allows creating a shadow and being in cool corner when the level of temperature is very high.

In the end, I want to say that landscape architecture is not only about creativity, but also about the great impact on our daily lives. We should not forget to think more about the world in which we live and with which we must be in harmony.