

Sustainability in new Waterfront Cities (New Mansoura City - Egypt)

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Abstract:

Countries of the world tend to establish new coastal urban communities that are located on a waterway, where coastal urban areas represent 20% of the total surface of the earth and a large part of people live on them in the major cities located in them and this is due to this trend based on the requirements, activities and jobs that the city needs and according to the nature This is done according to a sustainable reference to preserve renewable resources, save energy and implement sustainable plans, and with the distinction of Egypt with natural water resources and its great potentials that make it compete with the countries of the world in this direction, the Egyptian state has tended to establish a group of new cities, especially cities with waterfront, but the trend Towards the establishment of a large number of cities at the same time - more than 14 new cities - needs a clear methodology that guarantees the sustainability of cities, and the aim of the research is to study the waterfront in Egypt, especially the cities on the Egyptian coast, and focus on a set of strategies that may support and enhance sustainability in new cities, especially The new city of Mansoura, as it is among the new cities that belong to the fourth generation cities that the Egyptian state began to establish since more than 4 years through a study of some points and based on the principles and policies of sustainable planning for cities with a waterfront, such as land uses, taking advantage of the waterfront components, providing housing opportunities, as well as corridors and places for walking, and establishing communities that help preserve nature and preserve open spaces as well as orientation towards sustainable development and revitalization of the façade The water supply, the provision of various means of transportation, and the adoption of economically feasible and implementable development decisions, as well as cooperation between civil society and decision-makers, and ensuring the benefit from the waterfront for all, and then any other coastal city in Egypt.

Keywords:

sustainable planning, Waterfront, Mansoura