The Impact of Artificial Intelligence on Sustainable Architecture and Urban Design

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Abstract : The goal of sustainable architecture is to design buildings that have the least negative impact on the environment and provide better conditions for people. What forms of development enhance the area? This question was asked at the Center for the Study of Spatial Development and Building Forms in Cambridge in the late 1960s. This has resulted in many influential articles that have had a profound impact on the practice of urban planning. This article focuses on the sustainability outcomes caused by the climatic conditions of traditional Iranian architecture in hot and dry regions. Since people spend a lot of time at home, it is very important that these homes meet their physical and spiritual needs as well as the cultural and religious aspects of their lifestyle. In a country as large as Iran with different climates, traditional builders have put forward a number of logical solutions to ensure human comfort. With these solutions, the environmental problems of the have long been solved. Taking into account the experiences of traditional architecture in Iran's hot and dry climate, sustainable architecture can be achieved.