

## The status of sustainable architecture in Iranian vernacular architecture

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**ABSTRACT:**

Sustainability can be imagined based on a sample in which the available cases and resources are used with more efficiency and more than they are wasting or ignoring. This style of architecture is of the modern orientations and is seeking for being compatible and coordinated with the environment which is one of the most basic human needs in the current industrial world. This attitude is generally supposed to prevent the destruction of nature and maintain the environment and focus on the future generations. The optimal use of energy and utilizing the recyclable material in building structures and focusing on vernacular and cultural aspects of the place are the most important concepts in the practice of ecology in architecture designing which has developed in architecture theory during the recent two decades. Vernacular architecture is implemented based on personal favorites and individual purposes and its enthusiasts. The growth and development of the modern architecture and the appearance of its shortages and doubts towards this type of architecture and studies related to vernacular architecture with a new view are considered by architectural authors in a wide range. This attitude not only appeared in western countries, but it also appeared in developing and Islamic countries. The effects of this wave also reached in Iran and after the Islamic revolution and with the appearance of more favorable conditions of the society it followed up with more strength.

**Keywords:**

Stable ecosystem, Sustainable architecture, Principles of sustainability, Sustainable development, Modern architecture, Vernacular architecture.