

Documents

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Designed Landscape for Environmental Sustainability

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Abstract

The chapter elaborated on the keyword of designed landscape for environmental sustainability. As it is well defined, a designed landscape for environmental sustainability is known to build, plan, and manage landscapes that consider the ecology of a site and produce landscapes that benefit both people and the rest of the ecosystem. Consequently, landscape design improves land management and reduces the environmental impact of urban living. It improves air quality, and plants may purify the air and soil. It will be combined in landscape design planning to provide holistic answers to complex issues. Understanding ecological wisdom is a systematic land development approach that avoids environmentally sensitive areas and works with natural dynamics. Ecological wisdom reflects a socio-ecological intelligence that embodies a cultural conscientiousness oriented toward species protection and a built environment integrated with nature and natural systems. In landscape ecological restoration, it is also necessary to use nutrient-rich resources to effectively promote the virtuous cycle of restoration work, reduce the cost of restoration work, and contribute to the construction of conservation-oriented ecologically designed landscapes. However, many traditional landscapes already contain some components of sustainability. The Islamic perspectives highlight the critical roles humans play in sustaining the ecological landscape and natural resources for the benefit of human beings and other living creatures. © The Editor(s) (if applicable) and The Author(s), under exclusive license to Springer Nature Singapore Pte Ltd. 2025.

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