

Integrating Sustainable Approaches into Landscape Management Strategies Of University Campuses

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Abstract

Due to the global environmental issues and the negative impacts of the climate crisis, the concept of sustainability, which aims to use resources efficiently and prioritizes ecological, economic, and social development, has become increasingly important. Integrating sustainability approaches into the policies of all management units, from the smallest to the largest, will contribute to the long-term development of all institutions and organizations without depleting natural resources or damaging the environment.

This study focuses on methods related to the sustainable management of university campuses. Campus areas are public spaces where people from different regions and cultures live together and share common use. The study aims to answer questions about how social, ecological, and economic optimization can be achieved in the management of campus landscapes by a sustainability perspective. The study's methodology involves compiling information from the literature on ecological planning and management approaches and the United Nations Sustainable Development Goals (SDGs) to reveal how innovative and ecology-focused landscape planning and design approaches can be applied to achieve the SDGs.

In the study, it is explained how higher education institutions can integrate sustainability principles into campus planning, infrastructure, waste management, water and energy use, transportation and education-research areas, and a holistic landscape management approach is presented by associating the sustainability strategies and SDGs suggested for implementation in the management of campus landscapes and institutional policies. Consequently, it has been determined that improving institutional coordination processes related to sustainability and implementing sustainability strategies can provide social and economic benefits by preserving ecological and cultural elements on university campuses.

Keywords: Campus Sustainability; Campus Landscape; Landscape Planning And Design; Sustainable Landscapes ·