

Abstract

The thesis focuses on mapping and utilizing green spaces for physical activity in the city of Kladno. The main objective of the work was to analyze the current state of green spaces and sports facilities in Kladno, identify suitable locations for various forms of physical activity, and evaluate their accessibility and equipment.

The results showed that the city of Kladno has significantly invested in the development of sports facilities and green spaces, with maintenance costs for greenery increasing by 54.6% in 2023. The mapping indicated that most green spaces are well accessible and equipped. From the perspective of ecological sustainability, measures have been introduced, including a waste sorting system and an assessment of the possibilities of using rainwater or alternative energy sources. Insufficient data collection at the Kladno City Hall hinders a thorough analysis of the use of green spaces and further development of the city in this area.

Keywords: Urban Greenery, Urbanization, Ecosystem Services, Green Infrastructure, Sustainable Development, Public and Private Greenery, Health and Greenery, Planning of Urban Greenery, Climate Change, Social Cohesion.