

Special Issue

Environmental Impact Assessment and Sustainable Conservation of Urban Ecology

Message from the Guest Editors

Urbanization has been a driving force behind economic growth and societal development, but it also exerts substantial pressure on the environment. As cities expand, natural habitats are altered, biodiversity is threatened, and pollution levels rise. To mitigate these negative effects, Environmental Impact Assessment (EIA) serves as a crucial tool for ensuring that urban development projects are ecologically sustainable. This paper explores the role of EIA in urban ecology conservation and the strategies necessary for achieving sustainable urban ecosystems. This topic aims to evaluate the effectiveness of EIA in promoting sustainable urban ecological conservation. By analyzing the role of EIA in biodiversity preservation, pollution control, climate resilience, and green infrastructure integration, this research seeks to provide evidence-based recommendations for enhancing urban sustainability policies and practices. Additionally, the topic highlights the key challenges in implementing EIA and proposes strategies for improving regulatory frameworks, technological applications, and community engagement to foster long-term ecological balance in urban environments.

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