

name: _____

class: _____

date: _____

Understanding Urban Ecology



In cities around the world, the concept of _____ ecology is becoming increasingly important. This field studies how plants, animals, and humans interact in _____ environments. Unlike traditional ecology, which focuses on natural settings, urban ecology deals with _____ heavily influenced by human activity. One key element is the presence of green _____ such as parks and gardens. These areas are vital for maintaining biodiversity, providing homes for various _____, and offering people a place to relax and connect with _____. Urban ecologists also examine the impact of pollution on city _____, both human and non-human. They look at how the design of cities can reduce _____ emissions by promoting public transportation, cycling, and walking over the use of personal _____. Another focus is on the management of waste and _____ resources, aiming to create sustainable urban systems that support both the environment and the _____ of life. By studying the patterns of energy flow and _____ cycling within cities, urban ecologists develop strategies to make urban areas more _____. This includes the integration of technology, such as solar panels and green roofs, into city _____. Ultimately, urban ecology aims to create environments where humans and nature can coexist _____, highlighting the importance of ecological principles in designing the cities of the _____.

urban future vehicles inhabitants environments city nature sustainable
planning spaces carbon quality species harmoniously material water