

URBAN ECOLOGY FROM BIOLOGIST'S POINT OF VIEW – SELECTED ASPECTS AND PERSPECTIVES OF RESEARCH

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Summary

Urban ecology is a relatively new interdisciplinary domain of knowledge, which is developing in conjunction with sociological, economic, political and biological sciences. Such a broad approach enables to understand multidimensional functioning of cities, which is getting to be a more common element of landscape.

In this paper different aspects of urban ecology in the context of biological sciences are presented. Discussed is influence of humans on environment in connection with the rapid development of cities. Also the history of urban ecology and less known selected aspects of ecological studies (light pollution, urban stream syndrome) are presented. In the end, the problems of cities located in biodiversity hot spots and perspectives of ecological research in the cities are discussed.