文章摘要

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基于系统生态学的城市河流岛屿游憩生态安全评价研究

Research on Evaluation of Recreation Ecological Security for Islet in River of City

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英文关键词：City; Islet in River; Recreation; Ecological Security Evaluation; Systems Ecology

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中文摘要：

城市河流岛屿是一种新型的游憩空间,探讨其脆弱生态系统的构成并对其进行游憩生态安全评价具有重要意义。本文以系统生态学理论与压力-状态-响应(PSR)模型建了包含岛屿核心区、河流缓冲区、城市影响区三大分系统与压力、状态、响应三大因子的城市河流岛屿游憩生态安全评价指标体系,并以湖南省衡阳市东洲岛为例进行究。研究结果表明城市河流岛屿游憩生态安全度较低,不同分系统的生态安全差异特征明显：岛屿核心区生态安全度最低,其生态安全问题最为突出,区域内大部分指标是重要影响因子；河流缓冲区与城市影响区生态安全度较高,但区域内的一些因素对城市河流岛屿的游憩生态安全具有负向影响效应。

英文摘要：

Islet in river of city is a new type of recreation space and it is significant to discuss the structure of its vulnerable ecosystem and evalu recreation ecological security. Based on the theory of systems ecology and model of PSR, the paper constructed evaluation index system of recreatic ecological security for islet in river of city. The system included three subsystems (core region of islet, buffer region of river, influence regic and three factors (pressure, state, response). Taking the Dongzhou Islet in Hengyang city, Hunan province as an example, the empirical study was cc the paper. The results show that the degree of recreation ecological security for islet in river of city is low and the different subsystems have differentiated characters: the degree of recreation ecological security for core region of islet is lowest, its recreation ecological security prob most prominent and most indicators in this region are the important influencing factors of ecological security; the degrees of recreation ecologica for buffer region of river and influence region of city were higher, but some factors in the regions had negative effect on recreation ecological s islet in river of city, .

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