

Elizabeth karine^E

*Corresponding author: Dr Elizabeth Karine, Department of Land Surveying and Geo Informatics, The Hong Kong Polytechnic University, Hong Kong, China, E-mail: elizabeth@dhhs.nh.gov

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Abstract

The impact of land use change on the environment is a complex issue that has attracted the attention of researchers and policymakers alike. This paper examines the impact of land use change on the environment in the Hong Kong Special Administrative Region (HKSAR). The study uses a combination of remote sensing and GIS techniques to analyze the changes in land use and cover over time. The results show that there has been a significant increase in urban and built-up areas, while natural and semi-natural areas have decreased. This has led to a number of environmental problems, including air and water pollution, loss of biodiversity, and increased risk of natural disasters. The paper discusses the implications of these findings and suggests some strategies for mitigating the negative impacts of land use change on the environment.