

**UNIVERSITI TEKNOLOGI MARA**

**ENHANCING THE RELAU  
METROPOLITAN PARK  
USING GREEN TECHNOLOGY  
DESIGN APPROACH**

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## **ABSTRACT**

Metropolitan Parks are an important factor of neighbourhood development because they provide a variety of recreation activities that help residents live healthier lives. In other words, because it influences how the city and neighbourhood are shaped and feel, it may also serve as a community centre that fosters trust and a sense of community. Public park design, particularly in metropolitan areas, faces numerous challenges because of connectivity issues that cause conflict between space and users, community disinterest in all outdoor activities that could harm the environment, and a lack of social activities in nearby public spaces. No significant research has been done to date to find a solution for this issue. The aim of this study is enhancing the Relau Metropolitan Park using Green Technology design approach, so that the park chances of survival might be increased. Additionally, this study focused on (1) to improve the connectivity conflict between space and users, (2) to provide a green technology design approach that emphasizes on the environment, and (3) to provide a service for human beings from the perspective of anthropology and sociology. Therefore, this study will emphasize the use of appropriate technology to solve the problems found in the study area.

Keyword: Metropolitan Park, green technology, activities, community

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# **CHAPTER ONE**

## **INTRODUCTION**

### **1.1 INTRODUCTION**

In terms of making the Metropolitan Park more environmentally sustainable, this research focuses on how to incorporate green technology design approaches into the park's renovation. The background and context of this research are briefly described at the beginning of the chapter. The problem statement, aims, objectives of the research, and research questions are covered in the following subtopic. It can provide a basic understanding of the study's purpose. A summary of this chapter is found at the end of Chapter 1.

### **1.2 STUDY BACKGROUND AND CONTEXT**

The term of 'urban park' are probably some of the city unique features. People are naturally attracted to parks because they are pleasant, beautiful places. Historical public areas that were used as grazing land in the cities or towns resulted to urban parks. Evidence from towns in New England and Western Europe in the 17th century demonstrates that locals set aside lands close to their towns, cities, or villages for the benefit of their people. According to Urban Park Online (2001), urban park is a multi-purpose public spaces that give advantageous to the economy, community, culture and environment.

In other words, urban parks improve the quality life and the perception of the city. Urban parks are common in cities and become important urban areas. It gives space for leisure activities, provide active and passive recreation spaces. The history of urban parks demonstrates how their purposes have evolved to meet the demands of the culture and cities they serve. For example, a change in lifestyle can promote concern for health and fitness, leading to the increase in the number of people using parks as places to exercise. As result, the planning and design of parks will be influenced.