

Analysis of Geological and Geomorphological Condition in the Area Around Escarpment of Baturagung for Ecotourism Development

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ABSTRACT

This research was conducted in the area around escarpment Baturagung, Yogyakarta. This research aims to: (1) Identify geological and geomorphological condition some natural object that attract tourism, (2) Analyze the potential of the object to be developed as a tourist destination. To reach the objective, descriptive-explorative research method is used. Related to the characteristics of the object, this study is an analytical survey research that is by using geomorphological and geological analytical concept to study the physical condition. This research uses spatial approach with theme of spatial pattern analysis, spatial structure analysis, and spatial system analysis. Population in this research is all area around escarpment of baturagung which stretching from Parangtritis Coastal Area to Prambanan Area. Sampling was taken by purposive sampling that is on some objects that have geological and geomorphological uniqueness, and attract tourist interest. Data were collected by observation, documentation, and literature study. Data analysis used is descriptive analysis and SWOT analysis. The results: (1) Escarpment Baturagung area based on its geological characteristics can be grouped into four zones namely Parangtritis Zone, Imogiri Zone, Piyungan Zone, and Prambanan Zone. Parangtritis Zone has geological and geomorphological conditions are very complex and has been developed as a tourist destination. The Imogiri Zone is geologically dominated by the results of the ancient volcanic activity of Mount Sudimoro, as well as several other ancient volcanoes. Piyungan zone is very identical with structural appearance. There is a significant difference in elevation that is reaching 416 meters. The Prambanan Zone is composed of various types of rocks. This region is also supported by the number of attractions that have developed. (2) the theme of development of scientific aspects in the tour is: Parangtritis Zone is Ecotourism of Coastal Geological-Geomorphological, Imogiri Zone is Agro- Ecotourism, Piyungan Zone is for Special Interest Ecotourism, and Prambanan Zone is historical-geological ecotourism.

Kata Kunci: Escarpment of Baturagung, Ecotourism