

Some Imaginative Geomorphosites in Malaysia: Study on Their Formations and Geotourism Potentials

Authors : Dony Adriansyah Nazaruddin, Mohammad Muqtada Ali Khan

Abstract : This paper aims to present some imaginative geomorphological sites in Malaysia. This study comprises desk study and field study. Desk study was conducted by reviewing some literatures related to the topic and some geomorphosites in Malaysia. Field study was organized in 2013 and 2014 to investigate the recent situation of these sites and to take some measurements, photographs and rock samples. Some examples of imaginative geomorphosites all over Malaysia have been identified for this purpose. In Peninsular Malaysia, some geomorphosites in Langkawi Islands (the state of Kedah) have imaginative features such as a "turtle" atop the limestone hill of Setul Formation at the Kilim Geoforest Park, a "shoe" at the Kasut island of the Kilim Geoforest Park, a "lying pregnant lady" at the Dayang Bunting island of the Dayang Bunting Marble Geoforest Park, and a "ship" of the Singa Kecil island. Meanwhile, some other examples are from the state of Kelantan, such as a mogote hill with a "human face looking upward" at Gunung Reng, Jeli District and a "boat rock" at Mount Chamah, Gua Musang District. In East Malaysia, there is only one example can be identified, it is the "Abraham Lincoln's face" at the Deer Cave, Gunung Mulu National Park, Sarawak. Karst landforms dominate the imaginative geomorphosites in Malaysia. The formations of these features are affected by some endogenic and exogenic processes, such as tectonic uplift, weathering (including solution), erosion, and so on. This study will recommend that these imaginative features should be conserved and developed for some purposes, such as research, education, and geotourism development in Malaysia.

Keywords : geomorphosite, geotourism, earth processes, karst landforms, Malaysia

Conference Title : ICG 2015 : International Conference on Geomorphology

Conference Location : Singapore, Singapore

Conference Dates : January 08-09, 2015