

Terrain Features Mapping Using Aerial Photographs And Digital Elevation Model (Dem) In The Cameron Highlands, Pahang

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Abstract: Conventional geological terrain mapping conducted by the Department of Minerals and Geoscience is based mainly on field surveys. Especially for remote areas, it can be very time consuming. Recent developments in remote sensing and Geographical Information Systems (GIS) have led to the development of more advanced methods for the construction of geological terrain maps. Aerial photographs draped over a digital elevation model (DEM) can be used to accurately delineate geological terrain features. This study affirms that the use of aerial photographs and DEM as an efficient, reliable, reproducible and effective technique for geological terrain mapping.