

Developing the Geomorphologic Land Classification Map of the Ayeyarwady Delta

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Many scholars have studied and undertaken flood inundation mapping using remote sensing and GIS and the flood analysis based on the meteorological and hydrological aspects as rainfall and water level conditions for the Myanmar Rivers. Swe (2007), Ko, (2005), Hlaing, (2007, 2008), Tun, et al.(2001), Aye (1979), Aye (2004) described the geomorphology of some rivers of Myanmar and discussed how the basin morphometric variation and land cover change effected on the surface runoff of Myanmar rivers. A geomorphologic land classification map is prepared by processing Landsat TM image with GIS and RS in this present study.

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