

Geographical Study of The Impact of Floods on Socio-economic Conditions of Maubin Township, Ayeyarwady Region

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Abstract

This paper aims to describe "Geographical study of the impact of floods on socio-economic condition of Maubin Township". Maubin Township lies in the southeastern part of the Ayeyarwady Region. In this study area, major river is Toe River. It is one of the tributaries of the Ayeyarwady River. It flows along the northern edge of the Town. The settlement area is 515.3 sq. miles. Urban population of Maubin Township was 43748 (14.5%) and rural population was 258741(85.5%) in 2022. Flood Period from July and August during raining season in Maubin Township. Major conditions of flood in Maubin Township are due to about 13 feet above sea level located in Ayeyarwady delta region, water volume of upper Ayeyarwady River and heavy rainfall. Flood is occurring heavy rainfall when natural watercourses do not have the capacity to carry excess water. However, floods are not always caused by heavy rainfall. At these two times flooded rain water can be found poor drainage area of urban. Due to the construction of main road and ditches through the urban area and installation of new infrastructural facilities, settlements have been more spatial distribution with fairly accelerated momentum in the recent years. The types of drainage patterns are varying from place to place. But the relief feature and climate conditions are the most dominant in the study area. The future distribution of more settlement and drainage patterns within the study area depend largely on the government policy and relief feature and climate condition.

Keywords: flood, socio-economic condition, poor drainage area, drainage patterns

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