

# **Evaluation of Impact the Dam upon Socio-economic and Environmental Conditions of Natmauk and Myothit Township, Magway Division**

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## **Abstract**

Dams play a vital role for crops cultivation in Central Myanmar. The Natmauk Dam lies within Magway District in Dry Zone area. In this research, the benefit of socio-economic and environmental conditions that is caused by the dam will be analyzed. Data will be taken statistically and socio-economic conditions from the questionnaires survey. Land cover the situation will be revealed through the use of the images from the satellite and soil erosion will be calculated by using E<sub>30</sub> Model with the help of Normalized Different Vegetation Index (NDVI) and Digital Elevation Model (DEM).

Keywords : effect, socio-economic, environment, erosion

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