

## **An Approximation of Daily Rainfall by Using a Pixel Value Data Approach**

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**Abstract :** The research aims to approximate the amount of daily rainfall by using a pixel value data approach. The daily rainfall maps from the Thailand Meteorological Department in period of time from January to December 2013 were the data used in this study. The results showed that this approach can approximate the amount of daily rainfall with RMSE=3.343.

**Keywords :** daily rainfall, image processing, approximation, pixel value data

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