

Measuring District Level Economic Activity from Out Space: A Study from Bangladesh

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Abstract: Nightlight intensity observed from out space is a good proxy to predict economic activity. The strength of using nightlight intensity to predict economic activity includes predicting economic activity in real-time and at regional level. Real-time and regional level economic activity will also help the policymaker to make their policy in real-time. Otherwise, they have to wait for the backdated data in order to make their policy for the future. This paper presents a district-level measurement of economic activity based on the cleaned Visible Infrared Imaging Radiometer Suite and rural population for Bangladesh.

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