

**Spatial urban development and transformation of African agriculture:
A view from space**

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ABSTRACT

This paper analyzes the effect of urban growth on African agriculture by combining household survey data with satellite data on the intensity of nighttime lights, which provides a proxy for urban growth. We relate urban growth to changes in household income, agricultural production, migration and occupational change. Here we present results for Tanzania, while future work will incorporate results for an additional four African countries. Our preliminary results indicate that growth in nearby urban areas leads to increases in income for rural and urban households. For rural households, the results are driven by gains in farm income, while for urban households they are driven by increases in wages from work

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