Calssifing Buildings Based from Drone Aerial Imagery

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***Abstract*—This document is a template demonstrating the Ieee-conference format.**
***Index Terms*—template; demo**

I. Introduction

Travel forecasting models are based heavily on data provided by government statistical agencies, such as the US Census Bureau and the Bureau of Labor Statistics. In countries where statistical agencies are not as reliable, travel forecasting models are generally not developed or have data gaps. The data needed for modeling includes household statistics such as humber of adults, income level, etc.

With the rise of commercially availible and affordable aerial drones, the ability to capture remote sensing data such as high quality aerial imagery has become signifigantly easier. This leads to the question "can remote sensing data be used to develop land use data to supplement or replace data from statistical agencies?"

This paper presents a model that recongizes and categorizes building types based off remote sensing data and estimates household statistics for a general area.

A. Related Literature

II. Methodolgy

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III. Results

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IV. Discussion

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V. Conclusion

The conclusion goes here.

VI. Acknowledgment

The authors would like to thank...

VII. Bibliography styles

Here are two sample references: [**barrington2017osm**, **Dirac1953888**].