

Presentation Type (specify podium or poster presentation): Podium

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Title: *An exploration of daysmetric mapping techniques for population data in Duval County*

Abstract

Daysmetric mapping is much more focused technique to calculate population density. Using daysmetric mapping, individuals can create a more accurate representation of population distribution. Census data has great data but is not always as accurate being the information is spread through either block groups or tracts. These boundaries do not always reflect accurate locations of natural distribution and how it relates using residential land use, rather than a whole block or tract. There are resources provided by Esri tools in ArcGIS Pro like the zonal statistics function. The goal of this project is to summarize Duval County population by residential land use for a more accurate population density in the county.