

Quick and Efficient Creation of Address Maps using Model Builder and Python Scripts

Accurate and clear addressing is crucial for public safety and logistics. With the acceleration of growth in St. Johns County, the frequency and demand for new addresses has increased substantially. Addressing maps show the location of new roads and addresses for approved development projects within the county. When paired with an address data table, they are an indispensable tool to disseminate critical information to a variety of entities. Creating these maps and tables manually can be time consuming. In order to streamline this process, we have created an ArcGIS Pro tool that produces a PDF map and a spreadsheet of addresses. The tool contains three python scripts run within a model that delivers a reliable result in a consistent format.

Bio:

Christine Kury is a Senior GIS Analyst and has a Bachelor of Science in Geography from Old Dominion University. She has worked in GIS for 13 years, including eight with St. Johns County Land Management Systems Department, GIS Division focusing on addressing, flood maps and data analysis.

Stacie Amolsch is a Senior GIS Analyst and has a Master of Arts in Medieval Archaeology from the University of York. She has worked for St. Johns County Land Management Systems Department, GIS Division for seven years primarily on addressing data and learning python scripting.

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