

Using GIS to Effectively Plan in K-12

Session showing the utilizing GIS in K-12 to Plan new school sites, renovations, additions, track growth, and project for future student population. How to track demographics of rapidly changing student populations. How to plan areas for new residential and business developments in relation to a school district. How to track population age and develop a relationship between home age, house income, demographics, and student generation rates – particular to the state of Florida.

Proposed Presentation Plan:

- Present Data, Geocode, processes of how we arrive at our information
- Present how we handle that information
- Present the ArcGIS Enterprise Deployment, how we store and move information
- Keeping Student Data and PII sensitive
- Final products, Dashboard, StoryMaps and WebApps
- Review of the impacts of GIS in Planning for K-12, how GIS is crucial to school zones and more

Bio:

The Volusia County Schools Planning Department uses GIS in K-12 to maintain a high level of service to our community. GIS is utilized in planning for new school sites, school construction, and more. Through these processes, we are improving the public school education and providing service to our communities, families and children.

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