

Pairing Java ReST Services and ArcGIS Maps SDK for Javascript to Deliver Parcel Data to Planners and the Public

Citrus County Board of County Commissioners, Department of Systems Management, GIS Division has recently redeveloped our GIS Division web site to improve the design, functionality, and management of the GIS web services. Alongside these redevelopments, the County was also undertaking upgrades to its asset management system. In order to bring data from the two systems together in an interactive map, the GIS Division built on previous projects in the Java language and redeveloped its custom General Parcel Map using the ArcGIS Maps SDK for Javascript to deliver parcel data that is current, detailed, and links to several other systems, such as the Property Appraiser's site, permitting and land development data. This presentation will share the methods and solutions used to deliver this data to our planners, permitting staff and the public. By delivering data interactively, these developments aim to improve staff efficiency, improve the transparency and accuracy of data, and allow public access to a wide range of parcel data that resides in our asset management system.

Bio:

Cynthia Skelhorn is currently GIS Director at Citrus County. She holds an MSc in GIS and PhD in Physical Geography from University of Manchester, UK. With over 17 years of experience in GIS and environmental modeling, her research has primarily focused on urban heat island alleviation strategies and climate change adaptation for urban areas. Her previous projects include investigations of building energy consumption in relation to urban heat patterns in Manchester, UK and urban heat island and microclimate modelling for an Eco-District study in Qatar.

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