



## CFGIS VIRTUAL USER GROUP MEETING

Friday, November 20th, 2020

9:00 am – 5 pm

### Agenda

- 9:00 – 9:05 Welcome, Introductions and Housekeeping
- 9:05 – 9:55 **Things you might have missed: Top Tips and Tricks from the past 5 years.**  
The ArcGIS Platform has changed quite a bit over the last five years: Here are the top things that you might have missed that can make your GIS more successful. Random bits taken from the UC, What's New? Customer Interactions and Support cases looking at all aspects of the ArcGIS Platform.
- Will Meyers, Esri
  - Robin Garrett, Esri
- 10:00-10:40 **Shifting GIS Enterprise to the Geospatial Cloud**  
The “public cloud” is radically transforming how we view IT system infrastructure, and the strong tie between IT and GIS means that GIS is along for the ride. Customers are migrating their existing, on-premise data and GIS infrastructure to the geospatial cloud using methods including “lift-and-shift.” This session will showcase recent clients lift-and-shift project that featured Esri ArcGIS Enterprise software, the STREAM:RASTER solution for serving raster data in the cloud, and machine learning. Learn how shifting GIS operations to the geospatial cloud can occur at the best pace for every organization—including yours.
- Jon Downey, Woolpert
- 10:45-11:10 **Trimble TDC150 Virtual Demonstration with Terraflex and LTI Laser Rangefinder Offsets**  
In this presentation we will conduct a virtual demonstration of the Trimble TDC150 all in one GNSS utilizing the Laser Technology laser range finder for offsets running the Trimble Terraflex software. This demonstration was recorded live in the field and goes through the capabilities and step by step instructions on data collection. Offsets are very effective for roadways, tree surveys and collecting assets that are inaccessible due to challenging GNSS conditions, physical barriers or locations that present dangers for field workers.
- Erin McCormick, Navigation Electronics (NEI)
- 11:15-12:00 **Better Business through GIS – Developing Decision Support for a Water Utility with Portal, Insights and Cityworks**  
St. Johns County Utilities enhanced their GIS Portal to provide seamless decision support, with a series of Insights, Dashboards and Apps that utilize mobile activities, department collaboration and improved analytics that are built upon data from their Cityworks Asset Management System, ArcGIS field tools, and infrastructure monitoring including SCADA and Claros. Integrating applications within a seamless and easy to use setting are helping support St. Johns County Utilities review and make better business decisions that ensure that we are best serving our customers.
- Tom Tibbits, St Johns County Utility Department
- 12:00-1:00 Break for lunch / Visit Map and App Gallery and Vote!

- 1:00-1:50 **Lies, Damn Lies, and Maps**  
Maps are big these days. Social media and news sites frequently post maps and those maps often go viral. They're all over Facebook, Twitter, and Tumblr, and news organizations are understandably capitalizing on the power that maps clearly have in digital space: they can visualize a lot of data quickly and effectively. But they can also visualize a lot of data inaccurately and misleadingly. We are taught from an early age to analyze and understand the meaning and manipulation of words, but most are rarely taught the same skills about maps.
- Jim Barnes, City of Wellington
- 1:55-2:25 **How to Build Usable Applications**  
How to take a COTS application from ESRI and make it your own through skinning (HTML), Arcade Expressions, and API integrations with Google, Waze, and other third party applications. This presentation will walk you through the styling, arcade expressions, and thinking of Lake County's [COVID19TestingCenter](#).
- Brandon Barnett, Lake County
- 2:30-3:00 **Using Webhooks**  
Join GISinc for a discussion and presentation around utilizing the strengths and capabilities unlocked when using webhooks. We will begin with defining what they are and why you want to know about them and move on to share insights and examples that demonstrate advanced and innovative concepts.
- Wendy Peloquin, GISinc
- 3:05-3:45 **The Ten Rules of Parcel Mapping in ArcGIS Parcel fabric**  
With the advent of the ArcGIS Parcel Fabric, the manner in which we map and maintain parcels have changed. This presentation will review both the rules and best practices for the new, more efficient method of maintaining parcels.
- Frank Conkling, Panda Consulting
- 3:50-4:20 **How Esri's ArcGIS Field Maps will Optimize and Streamline Your Current ArcGIS Online Workflows**  
This webinar will look at Esri's ArcGIS Field Maps Beta Testing from a solution provider point of view. Duncan-Parnell's current solution offering utilizes Trimble GNSS receivers for field data collection and inspections within the ArcGIS Online cloud platform. We will review how a Field Maps deployment will streamline and optimize the solution we offer, providing a more integrated and user-friendly packaged workflow.
- Peter Thompson, Utility Solutions NC and SC
- 4:25-4:50 **How to Take Advantage of ArcGIS Image Server**  
ArcGIS Image Server provides a distributed computing and storage system that powers the analytical processing and serving of large collections of imagery, elevation data, rasters, and other remotely sensed data. It is a part of ArcGIS Enterprise. ArcGIS Image Server was deployed in our enterprise GIS. An Elevation Service and several Image Services with raster functions defined were published on that server. The image services involve DEM and Remote Sensing data. ArcGIS Image Server expands the organization's capability to do more with GIS. The benefits of ArcGIS Image Server are explained in detail the presentation.
- Lixin Huang, Brevard County GIS
- 4:50-5:00 Wrap up / Announcement of Map and App Gallery Winners

**Presenter Contact Information:**

**William Meyers** | Solution Engineer – Local Government  
Esri | 6210 Ardrey Kell Road | Charlotte, NC 28277  
T [704 541 9810 x8636](tel:7045419810x8636) | [wmeyers@esri.com](mailto:wmeyers@esri.com)

**Robyn Garrett** | Account Executive  
Esri | 6210 Ardrey Kell Rd | Charlotte, NC 28277  
T [704 541 9810 x8640](tel:7045419810x8640) | [rgarrett@esri.com](mailto:rgarrett@esri.com)

**Erin McCormick**  
Navigation Electronics, Inc. (NEI)  
Erin\_McCormick@neigps.com  
[850.228.2070](tel:850.228.2070)

**Tom Tibbitts, GISP PSM**  
Information Systems Manager  
St. Johns County Utility Department  
Office: (904) 209-2636  
Mobile: (904) 599-8367  
[ttibbitts@sjcfl.us](mailto:ttibbitts@sjcfl.us)

**Jim Barnes**  
City of Wellington  
[jbarnes@ci.wellington.fl.us](mailto:jbarnes@ci.wellington.fl.us)

**Brandon Barnett**  
[bbarnett@lakecountyfl.gov](mailto:bbarnett@lakecountyfl.gov)

**Wendy Peloquin, GISP**  
Account Executive  
Geographic Information Services, Inc. (GISinc)  
O: 205.725.5941  
M: 205.834.3976  
[Wendy.peloquin@gisinc.com](mailto:Wendy.peloquin@gisinc.com)

**Frank Conkling**, Owner, Panda Consulting  
10238 Hunt Club Lane  
Palm Beach Gardens, FL 33418  
Phone: 561-691-3277  
Cell: 561-758-9795  
Email: [frank@pandaconsulting.com](mailto:frank@pandaconsulting.com)  
Web: [www.pandaconsulting.com](http://www.pandaconsulting.com)

**Lixin Huang**, PhD, GISP  
IT Engineer III (GIS), Brevard County GIS  
2725 Judge Fran Jamieson Way  
Viera, FL 32940  
Phone: (321) 617-7395x52232  
[lixin.huang@brevardfl.gov](mailto:lixin.huang@brevardfl.gov)  
<https://gis.brevardfl.gov>