Call to Order

The meeting was called to order at 1:30 pm by Mike Twitty and attendees were introduced.
Approval of Minutes

It was asked by Mike Twitty if there were any changes to the September 6th, 2018 meeting minutes, none were noted. Jake Stowers motioned to approve, Jill DeGood seconded, all in favor. Minutes approved.

Welcome new eGIS Team Member

The eGIS team has welcomed a new member to the team. Jason Clemis has been hired as a Geodatabase Administrator and comes to us from Forsyth County in Georgia with over 20 years of experience in GIS.

LIDAR and Pictometry Flight Updates

LIDAR Update – Jeremy Capes, Penny Simone and Bryan Zumwalt have been working through some final survey requirements that are needed on the updated LIDAR. The updated DEM (digital elevation model) was received on 11/6/18 and was sent out to various county staff for QC. The raw and DEM is available for use but not with any watershed management projects. eGIS is currently working with SWFWMD, Atkins and County leadership on for the final signed surveyors report on the LIDAR. No final SWFWMD approval date has been set. Penny Simone did mention that the vendors have done a good job filling in the gaps and is making progress. With that said, Pinellas County was put as a higher priority for the 2019 Statewide LIDAR Collection Project and the flight is scheduled for 12/7/2018 with the final data being ready early 2020.

2018 Aerials – The 2018 aerials are now available in all Arc products as well as showing in the basemap galleries in the viewers and applications. For 2019, a flight will be scheduled ASAP to compliment the LIDAR flight. This will help with the QC of the LIDAR data. Mike Twitty brought up the subject of the oblique images for Pictometry. This topic will be discussed in more detail with the Property Appraiser’s Office about whether they need to be flown every year or every other year.

2019 ESRI Conferences

Jeremy mentioned that in addition to the ESRI UC Conference in July, ESRI holds regional User conferences around the United States that could be attended also. This year there are ones in Denver, St. Louis and the Southeast User Conference will be held once again in West Palm Beach, Florida. Ginny Holscher asked how to obtain the agendas for the regional conferences and was directed to the ESRI website. The 20 complimentary passes for the UC Conference in San Diego, July 8-12, 2019, were presented as to the requests and the suggestions. The committee approved the following departmental passes: eGIS (5), Public Works (4), Utilities (4), Safety and Emergency Services (2), Solid Waste (1), Property Appraiser (1), Real Estate Management (1), Sheriff’s Office (1), Office of Technology and Innovation (1). eGIS will be sending out information within the next couple of days on registration as it has opened yesterday.

Show and Tell

Red Tide Application - Red Tide appeared in our area in August 2018. There are models available online to see how the Red Tide affected our area and how the Tampa Bay flushing impacted the flow of the area. It was attempted to do offshore harvesting to collect dead fish before they appeared onshore. Sea turtle nesting and sea bird nesting restrictions affected beach cleanup during the fall season. Tropical storms brought Red Tide into the intercoastal. Jeremy and Mike, along with other eGIS team members, got the Red Tide Cleanup application working quickly to provide information to the public, along with a management portal to allow the people in the field (inspectors/contractors) to change the status of each location. A dashboard component for executive level monitoring was created. Over 1550 tons of Red Tide debris has been removed. This particular solution was a Crowdsourcing application. This application allowed people to report things in private properties and other locations potentially not visited normally. There are also dumpster location applications available. Red Tide “season” is August through December.

http://pinellas-egis.maps.arcgis.com/apps/CrowdsourceReporter/index.html?appid=df8e44a0a90f45eb8b4b062d0e03e48f

eGIS also worked with Marketing and Communications to test out a social media data gathering application during Hurricane Florence which gathered Twitter feeds. Once it was working an application was made for the Red Tide and certain hashtags were given out by Marketing and Communications to use to track. Right now this type of application only works with Twitter feeds and is internal because of data that could be gathered. This was a good test as it showed that we can do this for other events in the county.
3D Jumpstart – Earlier this week 7 eGIS team members and 2 PAO employees were part of a 3D jumpstart training. They were shown on how to take the 2D data and turn it into 3D. April Rosier gave a quick demo on some of the information that was given in the training. It was shown on how to take our LIDAR and create 3D buildings as well as tree canopy. Part of this 3D jumpstart is ESRI taking two areas of the county (downtown Palm Harbor and St Petersburg, near Tropicana Field) and providing 3D building footprints and tree canopy. ESRI will also provide a revised quote to eGIS on finishing the rest of the county. The jumpstart will then flow into Pinellas County being an early adopter into the ArcUrban project. The question was asked about updating the 3D once it is completed. It was said that as of right now tools are not available to update but can work with CAD drawings. It was talked about between Jake Stowers, Mike Twitty and Blake Lyon about adjusting the submittal requirements on projects to include electronic CAD drawings.

FEMA/FLOOD Map – Mike Twitty mentioned that there is a new application that was created in conjunction with Lisa Foster’s Flood Application to where it will show the Current and Preliminary FEMA Firm maps with a swipe tool so that it can show the changes side by side. This application is currently being tested. Mike Twitty also mentioned that his office will be working with eGIS on enhancing the application on the Elevation Certificates to where DRS can start adding for the county and the PAO will work on the municipalities.

eGIS Project Updates

Jeremy showed the projects that have been accomplished since the last meeting. Some of those being applications for General Sheltering, FEMA FIRM Data Applications, Traffic Signals Status, and Environmental Focused Viewer. He also showed those projects that are in progress. In addition to those projects, eGIS has been working on the new implementation of ServiceNow for BTS, which replaces ServiceDesk,

EAM Project/Program – Jamie Munro gave a brief update on the Track 1 (Public Works and Utilities) tasks at hand, including GIS schema updates and SAP Integration. Cityworks user testing is set for February 2019 with a go live for June 2019. Track 2 (Utilities Plant Operations, REM, Solid Waste and Parks) will begin workshops in January 2019.

eGIS Infrastructure Overhaul – eGIS is working on moving all ESRI software to ESRI 10.6.1 as well as upgrading the servers. This timeline is November/December 2018. They are also working on migrating the Oracle database to SQL which is anticipated to go live March 2019. They are currently looking into ESRI Portal and updating maintenance processes.

Data Overview – the annual overview of the data will be sent out around the first of the year to update any stakeholders, metadata, etc. on the data in the database. This will also be a good time to point out some data that could be archived and not migrated over to the SQL environment. All stakeholders will be notified after the first of the year for their input.

Future Projects – Jeremy showed the future projects such as the Routing Solution being purchased, SOE Data comparison and ArcGIS Pro Training in the spring of 2019.

Planning for Upcoming ELA Renewal with ESRI

The renegotiation of the ESRI ELA is in progress which expires April 2020. eGIS will be having meeting to negotiate the new ELA with the ESRI account team during December/January. Once it is near finalization, a focused Steering Committee meeting will be set to review and approve to add to the FY20 budget.

Open Discussion

- Blake Lyon mentioned the Lien/Foreclosures application that Steve Clark is currently working on for him and that he can demo that at the next meeting if it is ready.
- Jeremy thanked the eGIS Steering Committee, eGIS Community Partners/Users, eGIS Team and BTS Leadership for a great 2018. He said that the eGIS Team of 10 people is a Rock Star Team
- Mike Twitty also wanted to thank everyone for a great 2018 and wished everyone Happy Holidays.

Next Meeting

The meetings for next year will be scheduled soon. Anyone interested in giving a demo on an application, analysis, etc., please contact Jeremy.

The meeting adjourned at approximately 3:15 pm.
Meeting Agenda for December 6th, 2018

1. Call to Order
2. Welcome and Introductions
3. Approval of Minutes from the September 6th Meeting
4. Welcome New eGIS Team Member
5. LiDAR and Pictometry Updates
6. 2019 ESRI Conferences
7. Show and Tell
8. eGIS Project Updates
9. Upcoming ELA Renewal with ESRI
10. Open Discussion

Welcome!

Around the Room Introductions

- Name
- Department
- Favorite Holiday Food

Welcome New Team Member

Jason Clemis
Geodatabase Administrator

Project Updates - LiDAR

- **LiDAR Project** – An updated DFM (digital elevation model) was received on 11/6/18. It was uploaded and sent to County staff for QC. As of now, this data cannot be used for any watershed management projects, but can be used for most other planning needs. We are working through some final project details with SWFWMD, Atkins, and County leadership and will provide an update when complete.

- **2019 Statewide LiDAR Collection Project** – Pinellas County is being included in this project. The flight is scheduled to begin on 12/7/18 and it is projected that the data should be available in early 2020.
Project Updates – Aerial Imagery

- The 2018 aerials are available for use in ArcMap and/or ArcGIS Pro. A basemap has also been developed with these aerials and is available in the basemap gallery within our existing applications.

- For 2019, we will be scheduling a flight asap to compliment the LiDAR flight. This will help with QC validation of data, and more.

2019 ESRI USER CONFERENCE

Show and Tell

Red Tide Community Cleanup Effort Application

Show and Tell

Social Media Data Gathering – Twitter
Red Tide Reporting/Awareness

#RedTide #RedTidePinellas #PinellasBeaches #StarveTheAlgae
Project Updates – What we’ve accomplished...

Various Completed Tasks from September - November 2018

Total = 328 tickets

Please visit our SharePoint site for other project information

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Project Updates – What we’re working on...

- Implementation of ServiceNow for BTS
- Soft Kickoff for ArcGIS Urban
- Enterprise Asset Management Project/Program
- eGIS Environment Upgrades

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Project Updates – EAM Project/Program

Track 1 [Public Works and Utilities]
- What’s Happening?
  - GIS Schema Updates
  - Data Migration Planning from Legacy Systems
  - GIS Attachments with SharePoint
  - SAP Integration
  - Cityworks Mobile and ESRI Collector Workflows
  - Attribute Assistant Replacement
  - Timeline
  - Cityworks Mobile Testing in February 2019
  - Cityworks Go-Live in June 2019

Track 2 [Utilities Plant Ops, REM, Solid Waste, and Parks]
- Begin workshops in January 2019

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Upcoming GIS activities...

- eGIS Infrastructure Overhaul
- Software Updates – Esri 10.6.1
- Server Upgrades
- Database Migration - Oracle to SQL

What’s New?
- Esri Portal
- Updated Maintenance Processes

Timeline
- Server/Software Installation and Configuration in November-December 2018
- User Testing in January 2019
- Move to Production/Go-Live in March 2019

Data Overview Annual Update (January 2019) - will be shared via SharePoint

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Pinellas County ELA with ESRI

- Our current ELA with ESRI expires in April 2020
- We will be scheduling meetings with our ESRI account team during December/January to negotiate and finalize a new contract
- Once it is nearly final, we will schedule a focused eGIS Steering Committee to review and approve for the FY20 budget

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Please visit our SharePoint site for other project information
2018 has been a great year...

Thank you!
- eGIS Steering Committee
- eGIS Community Partners/Users
- eGIS Team and BTS Leadership

Will start scheduling 2019 meetings soon!

Request for teams to share how you use GIS in your department at upcoming eGIS Working Group and Steering Committee meetings.

*Please contact Jeremy Copes if you’re interested.*

Examples could be:
- Analysis
- Maps
- Problem Solving
- Share Information
- Applications/Viewers
- Data Collection
- StoryMaps
- Reporting
- More!

OPEN DISCUSSION