

Tuesday, October 4th, 2016

• 10:30am - 12:00pm Breakout Session 1

o GIS program Management- Athena A

- Successfully Managing a Small Wastewater Authority GIS Program and Extra Tasks (Xavier Davis, Peachtree Water and Sewage Authority, 30 min)
- Are You Really A Good GIS Manager? Do You Have The Right Management Characteristics? (David Holdstock, Geographic Technologies Group, 30 min)
- The Underutilization of GIS & How To Cure It (Adam Carnow, Esri, 30 min)

o Land Records/Legal/Surveying Track - Athena B

- Parcel Fabric: Roadmap to Success (Artie Robinson, Bruce Harris & Associates, 45 min)
- Migrating to Esri's Parcel Fabric: A Layman Explanation Of Why This Is a Bold and Essential Task! (David Lyons, Geographic Technologies Group, 45 min)

o Open Data and Crowdsourced Data - Athena C

- Local, Regional and Statewide Collaboration through Open Data (William Myers, Esri, 30 min)
- Open Addresses, Open Street Map and Local Addresses: Crowdsourced Address Data and You (Sara Yurman, Spatial Focus LLC, 30 Min)
- Building a Regional Open Data Portal (Ryan Barrett, Atlanta Regional Commission, 30 min)

o Aerial Photography/LiDAR/Remote Sensing - Athena D

- Utilization of LiDAR in ESRI Products (Jeremy Mullins, HALIS, 45 Min)
- The Race to Innovation: The Case for Statewide LiDAR Coverage (Chis Chalmers, Atlantic, 45 Min)

o Exhibitor Tract - Athena G

- NEI (30 Min)
- Aerial Services, Inc. (30 min)

- **1:30pm - 3:00pm Breakout Session 2**

- o **Smart Communities- Athena A**

- Smarter Communities: Data Analytics and Geospatial Technology Is Charting a New Course For The City of Roswell's Parks and Recreation Departments (David Holdstock, Geographic Technologies Group, 45 min)
- The Realization of Smart Communities through GIS (Adam Carnow, Esri, 30 min)

- o **Data Automation/Data Analysis - Athena B**

- Using Python for Increased Functionality In Label Expressions and Field Calculations (Scott Sirotkin, City of Covington/Newton County GIS, 30 min)
- Automation of Cobb County Data Sales (Jennifer Lana, Cobb County GIS, 45 min)

- o **Flood Analysis - Athena C**

- GIS Support for the Louisiana 2016 Flooding Pt1. (William Myers, Esri, 30 min)
- GIS Support for the Louisiana 2016 Flooding Pt2. (William Myers, Esri, 30 min)
- Flood Modeling and Analysis of Clarkesville, GA (Jared McFarlin, Student @University of North Georgia, 30 min)

- o **Land Records/Census - Athena D**

- Georgia Land History - Where Did Our Parcels Come From? (Tripp Corbin, eGIS Associates Inc., 30 Min)
- The 2020 Census: Geographic Partnership Opportunities (William Curry II, US Census Bureau, 30 min)
- University of North Georgia Tree Campus USA Project (Allison Bailey, UNG, 30 min)

- o **NG911 Panel - Athena G**

- NG911 PANEL

- **3:30pm - 5:00pm Breakout Session 3**

- o **ROI and Technology Utilization- Athena A**

- What's the Return On Investment (ROI) For GIS: How Local Government Organizations Are Quantifying ROI (David Holdstock, Geographic Technologies Group, 45 min)
 - UAV Utilization In Coastal Natural Resource Management (Buck Bennett, Georgia Department of Natural Resources, 45 min)

- o **WebGIS - Athena B**

- Customizing Web AppBuilder for Fulton County (Qazi Iqbal, Fulton County Government, 45 min)
 - Best Practices For Effective WebGIS Applications (Craig Robinson, Latitude Geographics, 45 min)

- o **Enterprise GIS - Athena C**

- Achieving Organizational Harmony With The ArcGIS Platform (Artie Robinson, Bruce Harris and Associates, 45 min)
 - Enterprise GIS Architecture: Optimum System Architecture is Critical To An Enterprise GIS! (David Lyons, Geographic Technologies Group, 45 min)

- o **Water/Stormwater - Athena D**

- Moving a Water Utility to a Mixed Open Source/Commercial Environment. (Randal Hale, North River Geographic, Inc , 30 min)
 - Risk Based Approach To Stormwater Asset Management and Maintenance (Tim Black, Arcadis/Penn State University, 30 min)

- o **Water/Stormwater - Athena G**

- Enhancing Wastewater Asset Data Collection Through ArcGIS Online (Xavier Davis, Peachtree City Water and Sewage Authority, 45 min)
 - Identifying Key Urban Areas to Reduce Stormwater Runoff and Maximize Conservation Efforts in Metropolitan Atlanta (Christopher Cameron, NASA & Natalia Bhattacharee, Student UGA, 30 min)

Wednesday, October 5th 2016

- **8:30am - 10:00am Breakout Session 4**

- o **3D Mapping- Athena A**

- Utilizing 3D Technologies to Resolve Transportation Problems No Other Way Safely (Michael Frecks, Terrametrix, 30 min)
 - Photogrammetry and 3D Modeling using sUAS (Jacob Hinton, Flyover Services, 30 min)
 - Leveraging 3D data into your GIS (William Myers, Esri, 30 min)

- o **GIS Program Management - Athena B**

- Government Transparency Initiative In Augusta, GA (Pamela Mock, City of Augusta, 30 min)
 - Cobb County GIS - A Ten Year Retrospective (Charles Fail, Cobb County GIS, 30 min)
 - Working to achieve a statewide GIS Datasets (Hunter Key, Coastal Regional Commission, 30 min)

- o **NG-911/Emergency Management - Athena C**

- Transitioning to NG911: Leveraging Address Data Standards (Matthew Yurman, Spatial Focus LLC, 30 min)
 - Responding to Emergencies with Location Technology (Wendy Peloquin, GISinc, 30 min)

- o **Transportation - Athena D**

- Perceived Importance and Objective Measures of Built Environment Walkability of a University Campus (Xuan Zhang, University of Georgia, 30 min)
 - Spatially Enabling Road Maintenance Data - No fields in common with GIS Road Centerline (Karen Lougee, Gwinnett County, 30 min)
 - Using Georgia Department of Transportation Right of Way/Construction Plans To Update and Anchor Tax Parcel Data (Steve Cumblidge, Jackson County Government, 30 min)

- o **Exhibitor Tract - Athena G**

- Lewis F Rogers Institute for Environmental and Spatial Analysis (UNG) (30 min)
 - Geographic Technologies Group (30 min)

- o **Student Presentations - Athena E**

- TBA

- **10:30am - 12:00pm Breakout Session 5**

- o **Health - Athena A**

- GIS to support Decision Making at different geographical and organizational scales within American Cancer Society (Liora Sahar, American Cancer Society, 30 min)
 - Location Technology to Reduce Your Risk of Disease Transmission (Zika) (Kevin Stewart, GISinc, 30 min)
 - GIS Solutions for Vector Borne Disease Surveillance and Control (William Myers, Esri, 30 min)

- o **Aerial Photography/LiDAR/Remote Sensing - Athena B**

- 2015 GMRC Aerial Photography/LiDAR Consortium Project (Faith Bryan, GMRC, 30 min)
 - Introduction to using LIDAR data with GRASS (Randal Hale, North River Geographic Systems, Inc, (30 Min)
 - Comparison of Indices for the Detection of Chlorophyll-a using Landsat 8 OLI Imagery (Craig T. Durden, Student @University of North Georgia, 30 min)

- o **WebGIS - Athena C**

- WebGIS and Configurable Consumer Off the Shelf (COTS) Solutions for State & Local Government (Robert Rike, Esri, 30 min)
 - Using ArcGIS Online For Public Official Outreach to Identify of High Consequence Areas for a Natural Gas Pipeline (Anna Ruth LaMere, Southern Company, 30 min)
 - Using Participatory GIS and ArcGIS Online Tools for Ocean Planning in Georgia (Robert Crimian, The Nature Conservancy, 30 min)

- o **Surveying - Athena D**

- Computing Positional Accuracy for Property Surveys (Mark White, Duncan-Parnell, Inc , 30 Min)
 - A Review of Recent Changes to Georgia (State) Laws which impact the Land Surveying Process in Georgia (Roger C. Purcell, Georgia Southern University, 30 Min)

- o **Student Presentations- Athena G**

TBA

- **1:30pm - 3:00pm Breakout Session 6**

- o **WebGIS - Athena A**

- Is your map an app? Building modern data driven cloud based smart map applications (Rama Sivakumar, Center for GIS, Georgia Tech, 30 Min)
 - Solve real world issues in a smart fresh way with Hexagon Smart Map (Michael A. Lane, Hexagon Geospatial, 30 Min)
 - Tracking County Owned Property via Collector, Workforce & Navigator apps (Rhonda A. Joyner, DeKalb County GIS, 45 Min)

- o **Remote Sensing - Athena B**

- Using the Google Earth Engine in Remote Sensing Teaching and Research (J.B. Sharma, University of North GA, 30 min)
 - Alaskan Wildfires: a Remote Sensing Study Using Google Earth Engine (Trae R. Timmerman, 30 Min)
 - Deriving GIS data products from imagery captured with drones (Rama Sivakumar, Center for GIS, Georgia Tech, 30 Min)

- o **Certification/Data Analysis - Athena C**

- Certification Exam Tips and Tricks (Tripp Corbin, eGIS & Associates, 30 min)
 - Suitability Analysis & Prioritization using GIS (Wincy Poon, 30 Min)

- o **Data & Analysis - Athena D**

- How to effectively manage Geospatial Data? (Michael A. Lane, Hexagon Geospatial, 30 Min)
 - Conserving Coastal Wetlands: The Georgia Wetlands Restoration Access Portal (Tony Giarrusso, Georgia Tech Center for GIS, 45 Min)

- o **Panel for Students/Young Professionals - Athena G**

- Mapping Your Way Into a GIS Career - Susan Miller, Xavier Davis, Justyna Grinholc and Nathan Roberson