



Pee Dee GIS User Group Meeting

Wednesday, February 17th, 2016

Florence County Doctors Bruce and Lee Foundation Library
509 South Dargan Street
Florence, SC 29501

AGENDA

10:00 **Welcome** - Approval of November 2015 Minutes

10:10 **Taking the Next Step**

Chris Harvey, Public Safety Product Manager, Bradshaw Consulting

Building on the crime analysis practices in use by the department, Fayetteville PD has partnered with Bradshaw Consulting Services to implement a holistic predictive policing solution based on BCS's existing MARVLIS technology. Currently in use around the country by Emergency Medical Services and Fire/Rescue, MARVLIS combines computer-aided dispatch, AVL and communications with GIS analytics to provide real-time forecasts of expected demand and calls for service. Coupling this with the ArcGIS platform leveraging ArcGIS Server, Desktop and the JavaScript API, Fayetteville PD is providing real-time situational awareness to executive and operational staff. This presentation examines the various technologies in place, the challenges of undertaking such an initiative, and most importantly, where do we go from here.

Chris Harvey has over 12 years of experience in GIS software sales, training and support. After attending Clemson University for Engineering, Chris worked as an assistant processing engineer for Alcoa at the Mount Holly plant in Goose Creek, SC, with a focus on database design and process analysis. In 2003, he joined Bradshaw Consulting Services as a member of the Mobile Technologies team working on the integration of GIS and field data collection with GPS. As a former Certified Trimble GPS trainer and Certified ArcGIS instructor, in addition to holding the Desktop Associate technical certification from Esri, he provides customer training and technical support for BCS products in the Police/Fire vertical. Chris is currently the Product Manager for the several public safety products ranging from crime and fire analysis, enterprise E911 address management and predictive policing/public safety real time dashboards.

11:00 **Break**

11:15 **New Membership System Overview (Caroline Dunlap)**

11:30 **Lunch Break - Lasagna, Salad and Rolls catered by Stefano's**

11:45 **Membership Update, Financial Report and Open Discussion**

12:10 **Geodesy, Map Projections, and Coordinate Systems: Getting Back to the Basics**

Caroline Dunlap, GIS Technician, Darlington County Planning

Many GIS Professionals take these basic geographic concepts for granted since our advanced software usually takes care of this stuff in the background. As GIS professionals, Caroline feels that it is very important to stay refreshed on these basic concepts and aims to share this information with the group. Even the seasoned GISP may learn something they had long ago forgotten.

Caroline Dunlap has been the Pee Dee GIS User's Group Communication Officer since 2011 and was recently elected as the group's president for 2016. She has been learning and working with all things spatial since 2006. She is currently employed with Darlington County Planning Department as a GIS Technician. Since the fall of 2015, Caroline has taught an Introduction to GIS course at Florence Darlington Technical College. This presentation originated directly from a class created for this course. Upon creating the content for the class, Caroline felt that brushing up on these GIS basics gave her a subtle boost of lost knowledge that helped with her everyday workflows.

12:50 **Closing Comments and the**

Apple Watch Doorprize sponsored by Bradshaw Consulting Services.
