GIS Day 2019

By: Kristyn Young

On Wednesday, November 13, 2019, the City of Raleigh, Wake County, Wake County Public Schools, and North Carolina State Government hosted their joint annual GIS Day event at Raleigh Union Station. The event was a success and had more to offer than ever before.

The venue for the event was new this year. Raleigh Union Station was recently dedicated in April 2018 and now this new station offers a great space for events. This space worked out well for GIS Day, it was very large and spacious with plenty of room for everyone to move around and see everything.

Attendees were lucky enough to see nine fantastic presentations on everything from Opioid Overdoses to Flood Monitoring. Scroll down to see the full agenda below.

There were many tables staffed by a variety of hosts available for attendees to visit. With twenty-two tables to choose from, attendees had the opportunity to get up close and personal with the tools and technologies that are utilized to perform GIS operations daily. Many questions were asked and answered, many new connections were made, and old connections rekindled.

As in previous years, there was a map contest for people to enter for a chance to win gift cards. There were a ton of entries this year. Congratulations to the winners of this year's map contest, in 1st place, GIS estimation of solar energy potential for solar vehicles in parking lots by Vishnu Mahesh Vivek Nanda, in 2nd place, Understanding Oral Health Care Access in North Carolina by 4-H Club, and in 3rd place, Developing an Index to Assess Climate Change Vulnerability in North Carolina Communities by 4-H Club.

This year's event had a fantastic turnout. Thank you to everyone who helped make this event possible. We are always looking to improve the event so if you attended this event, please feel free to supply feedback here by January 31, 2020. We look forward to next year's event and we hope to see you there!

GIS Day 2019 Presentation Agenda

10 a.m. - Introduction to Thinking Spatially with GIS, Andrew Kniowski, Cameron Crenshaw, Melinda Brown – ESRI
11 a.m. - Seeing the Trees in the Forest – Volunteer-led Applications of GIS in Raleigh's Nature Preserves and Natural Areas, Bryan England – City of Raleigh Department of Parks, Recreation and Cultural Resources
11:15 a.m. - Drops of Jupyter: Making maps with Python and Interactive Notebooks, Ryan Cooper – City of Raleigh Department of Parks, Recreation and Cultural Resources
11:30 a.m. - Identifying Opioid Overdoses Across Wake County with GIS Operations Dashboard, Robert M. Davis, MPA – Wake County EMS
12 p.m. - Using the Power of GIS to Understand Access to Public Transit, Andrew Kniowski, Cameron Crenshaw, Melinda Brown – ESRI
1 p.m. - Powering maps with open source and open data: Local examples with local data, Jason Baker – Red Hat
1:30 p.m. - Triangle Stormwater Data Sharing, Karen Lindquist – Green Stream Technologies, Inc.
2 p.m. - Open data: The new oil fueling civic tech, Jason Hibbets – NC Open Pass Co-Chair with Open Raleigh Brigade