OKSCAUG
Quarterly Newsletter

OKSCAUG User Group Meetings

In February, OKSCAUG hosted the first User Group Meeting of the year in Edmond. Approximately one hundred people gathered to network and hear presentations from Pamela Jurney of Cross Timbers, Scott Highby of Continental Resources, Inc. and Michael Beavers of Esri. Topics ranged from understanding the fluctuating prices of oil and gas to the features of the new ESRI platform.

The next user group meeting is scheduled for June 15 at the National Weather Center on the OU Campus in Norman. Patrick Livingood, Anthropology Professor at OU will be presenting on how he has used GIS to understand the political organization of the Southern Appalachians (1000-1600 CE). Following will be a presentation about Healthy Living Program by Joyce Samuel and Marcia Castellanos-Aymat of the Oklahoma State Department.

Michael Beavers of ESRI will conclude the presentations with discussing the Vector-borne Disease Surveillance and Control Solution.

The third User Group Meeting is scheduled for August 2nd at the Tulsa City Council Chambers. Space is limited to 190 registrants, so be sure to register!

The fourth will be held in Walters, Oklahoma on December 6th. More details to come.

2016 Regional Conference

Despite the nearly constant rain in the days preceding the Regional Conference in Corpus Christi, Texas, over 200 GIS professionals gathered from as far away as Georgia, Iowa, and Washington.

Awards and scholarships recipients were recognized at the opening session. Oklahoma was well represented. Matthew Wormus and the Oklahoma DEQ were recognized with the Founders Award for the updated data webviewer. Pamela Jurney was awarded the Thumb's Up award for working with individuals to enhance their professional contributions. Regional scholarships were awarded to Joe Porter, Francessco Zignol, and John Fell.
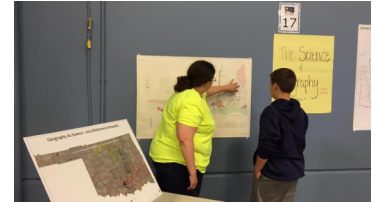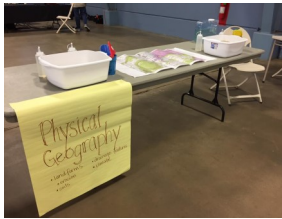
This year was the second year that SCAUG hosted the Hand On Learning Lab (HOLL). Attendees were given the opportunity to utilize the self-paced GIS computer lessons throughout the conference. This year, OKSCAUG is also planning to offer the HOLL during the Oklahoma Conference.

OKSCAUG and the Oklahoma ScienceFest

Science Fest Oklahoma is a statewide education initiative sponsored by the ODEQ, OG&E, OKC Chamber of Commerce, and the Secretary of the Environment. Oklahoma SCAUG and Cross Timbers Consulting, LLC, provided the maps and activities for this event that reaches over 2,500 4th and 5th graders from across the state. Lita Briscoe and Pam Jurney manned the OKSCAUG booth, where students experienced geographic concepts and real world applications.

CEC Lunch and Learn in OKC

The May 4th Lunch and Learn hosted by (and at) CEC was a huge success. Bartley Estes and Rusty Steel of CEC informed the full audience about the new advancements of aerial LIDAR and their methods for collecting and interpreting the data. After the presentation, several attendees approached them to learn more.

OKSCAUG is planning to work with other companies in the area to arrange additional lunch and learns in the upcoming year. The next lunch and learn is scheduled for July 19th. It will be hosted by Guernsey and Cross Timbers Consulting. The topic is Oklahoma Women in STEM.

Registration will open soon at www.scaug.org.

Map Showcase: OESC's Monthly Unemployment Rate Maps

Each month, Oklahoma Employment Security Commission (OESC) releases both state-level and county-level unemployment statistics from the Bureau of Labor Statistics' Local Area Unemployment Statistics (LAUS) program. Along with our news releases, we publish this data in a series of GIS maps using ArcGIS. Highlighting the county-level maps, we depict: 1) current month unemployment rates by county; 2) 12-month average unemployment rates by county; over-the-month percentage point change in unemployment rates by county; and 4) over-the-year percentage point change in unemployment rates by county.

Putting these maps together is fairly straightforward and simply requires joining the monthly county LAUS file to the Oklahoma county map (using county FIPS codes for the join field). These maps provide greater insight into unemployment trends here in Oklahoma.

These maps are produced by Monty Evans. Monty is a Senior Economist at the Oklahoma Employment Security Commission working in the Labor Market Information (LMI) Group of the Economic Research and Analysis Division. He is responsible for maintaining statewide and national economic indicators, industrial and occupational projections, labor market analysis, and developing department publications.

Monty holds a BA in Psychology and an MA in Economics from the University of Central Oklahoma and has more than 15 years of experience in economic research and economic development. As a graduate assistant at the University of Central Oklahoma, he helped launch the Center for Urban Economic and Business Analysis. At the Greater Oklahoma City Chamber, he established and managed the Research and Information Services department in the chamber's Economic Development Division. Following his tenure at the chamber, he managed a commercial real estate consulting practice before coming to the Oklahoma Employment Security Commission.

On page 3, is the County Unemployment Rates, Over-the-Year Change map. It is one of four maps in the series. To view the other maps, check out this link: https://www.ok.gov/oesc_web/documents/lmiokueapr16.pdf).

County Unemployment Rates, Over-the-Year Change

Oklahoma Employment Security Commission

Percentage Point Change

April 2015 to April 2016

Statewide = 0.2

- Increased (red)
- Decreased (green)
- No Change (white)

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Local Area Unemployment Statistics (LAUS)

OKSCAUG

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Call for Posters and Presentations for the 2016 OKSCAUG Conference

Our conference theme this year is GIS: Make the Leap. We are looking for people to submit a poster or lead a presentation. If you or someone you know would like to submit an abstract or if you have any questions about the posters or presentations please contact:

Lita Briscoe or Carrie Landgraf at:

okscaugcoordinator@scaug.org

OKSCAUG

Upcoming Activities

June

♦ 15: Norman User Group Meeting at the National Weather Center

♦ 23-24: Python Training, Tulsa

July

♦ 19: Oklahoma Women in STEM Lunch and Learn

August

♦ 2: Tulsa User Group Meeting at Tulsa City Council Chambers

♦ 9-10: ArcGIS Basic Training 2

September

♦ 19-22: 19th Annual OKSCAUG Conference (registration now open!)

October

♦ TBD: ArcGIS Basic Training 1

December

♦ 6: User Group Meeting in Walters, OK

If you know of an event that would be beneficial to the OKSCAUG community, please notify Amber (acannon@wdtinc.com) or Lita (lbriscoe1231@gmail.com) so that it can be included in the next newsletter.

ArcGIS Basic Training courses are often scheduled based on demand. If you are interested, please contact the Outreach Coordinator, Pamela Jurney at pamela.jurney@crosstimbersconsulting.com