

AR GIS Users Forum & OPENGATE Outreach Partnership Conference

Central Arkansas Library Darragh Center

100 S Rock St, Little Rock, AR 72201

November 2, 2018

9:00 am Registration and Coffee

9:30 Welcome
Hanna Ford, U of A Center for Advanced Spatial Technologies

9:45 AR GIS Users Forum: Introduction
Deano Traywick, Chair, Arkansas GIS Users Forum

10:00 Implementing Location Based ArcGIS Curriculum in Agriculture Technology
Zach Harber, U of A Community College at Batesville

10:15 Mapping the Ancient Bald Cypress in Arkansas
Nathaniel Sorey, U of A, Fayetteville, Department of Geosciences, Tree Ring Laboratory

10:30 *Break*

10:45 Safety Improvements: Arkansas & Missouri Railroad School Zones
Joshua Worthy, EAST Program at Sonora Elementary

11:00 Next Generation 9-1-1 GIS Data Stewardship
Jonathan Hall, Little Rock Police Department – Communications

11:15 Survey123 & Student Story Maps: Digital Leaf Collections
Hunter Bolland, Peyton Frachiseur, and Dusty Kesterson, Cossatot Community College of the U of A

11:30 *Lunch Served*

12:00 pm Solving Agriculture and Environmental Problems: GIS Today and Tomorrow
Aaron Shew, Ph.D., USDA-ARS Postdoctoral Research Fellow, contributions by Phillip Owens, Ph.D., USDA-ARS Dale Bumpers Small Farms Research Center and Aniruddha Ghosh, Ph.D., University of California-Davis

12:45 *Lunch Wrap Up and Reset Break*

1:00	Student Story Maps: Soil Nutrients <i>Kinley Wright and Beatriz Alvarez, Cossatot Community College of the U of A</i>
1:15	Government Transparency and Transformation in Action <i>Jennifer Wheeler, Arkansas GIS Office</i>
1:30	How I Started Using GIS <i>Elizabeth Gray, USDA NRCS Arkansas</i>
1:45	Linear Referenced Data @ ARDOT – X, Y, Z...M?; <i>John Tyler Post, Arkansas Department of Transportation</i>
2:00	Using Survey123 in Network Security <i>Cindy Grove, Michael Bernard; and Charlotte Purdy, Phillips Community College of the U of A</i>
2:15	<i>Break</i>
2:30	Student Success Stories at U of A Community College at Morrilton <i>Anthony Holt, U of A Community College at Morrilton</i>
2:45	Administration of School District Boundaries <i>Shelby Johnson, Arkansas GIS Office</i>
3:00	Cartographically Inclined – Mapping Arkansas @ ARDOT <i>Sharon Hawkins, Arkansas Department of Transportation</i>
3:15	U of A Little Rock GIS Applications Laboratory: Introduction of Our Activities <i>Deano Traywick, U of A at Little Rock GIS Applications Laboratory</i>
3:30	NG911 and GIS in Arkansas <i>Jonathan Duran, Arkansas GIS Office</i>
3:45	Are you sure that's a thing? A brief introduction to medical geography <i>Sean Young, Ph.D., U of A for Medical Sciences</i>
4:00	<i>Soil Explorer: A Visualization Tool for Soil Information</i> <i>Larry T. West, Ph.D., Soil Scientist</i>
4:15	Adjourn