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MAY 8 - 12, 2017 • PARK CITY, UTAH

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PLENARY KEYNOTE SPEAKER

SHELBY JOHNSON
State Geographic Information Officer

Shelby is a native of Madison County, Arkansas and serves as the State Geographic Information Officer of Arkansas. He directs the Arkansas GIS Office and reports directly to the Governor. He previously worked as a Research Specialist at the Center for Advanced Spatial Technologies at the University of Arkansas. He has over 20 years of experience in Geographic Information Systems (GIS).

He has served several leadership roles in Arkansas and was instrumental in organizing the State Land Information Board which was later renamed the State GIS Board. Shelby is responsible for assisting the State GIS Board in building a coordinated GIS system to meet the needs of the people of Arkansas.

Shelby has been nationally recognized through serving on the National States Geographic Information Council (NSGIC) Board of Directors from 2001 to 2005. In 2001 he was selected to participate in the prestigious LeadAR program that grooms outstanding adults in Arkansas for future leadership roles. He was selected to serve on a research committee of the National Academy of Science developing a national vision for a landownership database of the United States. In 2007 he was honored with a Life Time Achievement Award by the Arkansas GIS Users Forum for his contribution to the GIS community, and in 2014 Shelby was elected as the NSGIC President.

He holds a Bachelor of Arts degree in Geography from the University of Arkansas. Shelby, wife Belinda and their son Luke live in Little Rock, Arkansas. In his spare time, Shelby loves riding bicycles and motorcycles, and kayaking.

CLOSING LUNCH SPEAKER

WILLIAM F. JOHNSON
Director at the Universal Service Administrative Company

Bill is GIS Director at the Universal Service Administrative Company. In this role he is designing and deploying GIS capabilities across all of the business units at USAC as part of an enterprise initiative to use data and analytics for more effective program management. Prior to joining USAC in March, 2016, he was the Geographic Information Officer for the state of New York where he was responsible for coordinating the use and deployment of GIS across all agencies in the Executive Branch. Bill spent 31 years in the field of GIS at several agencies including the Department of Transportation, the Office of Cyber Security, the Division of Homeland Security, and the Office for Information Technology Services. He holds an M.A. in Geography from Michigan State University and is a certified GIS professional, GISP.

CONFERENCE EVENTS

MAP & POSTER GALLERY
WEDNESDAY - THURSDAY
Vote for your favorite in each category before 5:00 pm Thursday:
Best Interactive Web Mapping Application
Highest Return on Investment
Best Map as Art
Best Citizen Engagement Application
Best 8.5 x 11 Map
Best Student Map/Poster

ESRI HANDS ON LEARNING LAB
WEDNESDAY 3:00 PM- 8:00 PM
THURSDAY 8:00 AM - 4:10 PM
FRIDAY 8:00 AM - 10:30 AM
ROOM 300
The Hands-On Learning Lab (HOLL) is a training resource provided and developed by Esri Training Services. The Lab is an excellent way to introduce users to a variety of Esri software solutions and training opportunities while learning to use Esri software. The HOLL consists of a group of laptops with headphones where users can work through lessons at their own pace. Esri staff members are on hand in the Lab area to assist users with questions.

VENDOR'S SOCIAL & RAFFLE
WEDNESDAY 5:30 PM - 8:00 PM
PROSPECTOR 4
Meet the conference Vendors and network with conference attendees at the Vendor Social. Light appetizers and drinks provided. This is a free conference networking event!

SPECIAL THANKS TO OUR SPONSOR, RED ROCK BREWERY

7TH ANNUAL UGIC INDOOR GOLF TOURNAMENT
WEDNESDAY 8:00 - 10:00 PM
PROSPECTOR 1-3
No skills required, just bring a putter (if you have one) and a smile. This is a free conference networking event!

PARK CITY HISTORIC MAIN STREET GHOST TOUR
THURSDAY 5:00 PM - 9:00 PM
THE BRIDGE (825 MAIN STREET)
Join UGIC on Park City's Historic Main Street for a walking ghost tour and dinner event. Come prepared to take a leisurely walk up Main Street, rain or shine. Participants will be able to take part of an official, guide-led Park City Ghost tour! We will stop at several historical sites along the way and hear plenty of ghost stories! Heavy appetizers and drinks will be provided at The Bridge Café and Grill (825 Main Street, suite 201 upper deck Park City, Utah 84060) from 5-7:30pm before the tour. THIS FUN EVENT REQUIRES SIGNIFICANT PREPARATION AND PREPAYMENT FROM UGIC. PLEASE ONLY SIGN UP FOR THIS EVENT IF YOU PLAN TO ATTEND!!

CLOSING LUNCHEON, AWARDS & RAFFLE
FRIDAY 12:00 PM - 1:00 PM
PROSPECTOR 1-3

SCHEDULE

MONDAY - MAY 8

Room	Silver Mine A	Silver Mine B	Uinta I	Uinta II	Prospector 3
8:30 AM - 5:30 PM	Python - (Andre Coleman / Kasey Hansen)	Drones - Chris McGinty	OPUS (1/2 Day) - Bill Stone		Getting the most out of ArcGIS Online - Joseph Peters
Morning Break (10:00 AM-10:30 AM), Lunch (12:30 PM -1:30 PM), Afternoon Break (3:30 PM - 4:00 PM)					

TUESDAY - MAY 9

Room	Silver Mine A	Silver Mine B	Uinta I	Uinta II	Prospector 3
8:30 AM - 5:30 PM	Javascript - Bruce Cheney	Emergency Management - Tommy Miller	OPUS - Bill Stone	App Studio - Chris LeSueur	ArcGIS Pro - Rob Elkins
Morning Break (10:00 AM-10:30 AM), Lunch (12:30 PM -1:30 PM), Afternoon Break (3:30 PM - 4:00 PM)					

WEDNESDAY - MAY 10

Room	Silver Mine A	Silver Mine B	Uinta I	Uinta II	Prospector 3
8:30 AM - 10:00 AM Technical Workshops	Collector for ArcGIS: An Introduction - (Chris LeSuer)	ArcGIS Pro: An Overview - (Rob Elkins)	Leveraging FME (Adam Radel)		Iron Cartographer - (Bert Granberg vs. Zach Beck)
10:30 AM - 12:30 PM	Plenary & Roll Call Session (Prospector 1 - 3)				
12:30 PM - 1:30 PM	Lunch (Prospector 1 - 3)				
1:30 PM - 2:10 PM	Creating Clearfield Small Area Plans (Payden McRoberts) / Semi-Automated Line Tracing from Scanned Images (Jade Jensen & Benjamin Clement)	The Biomass Assessment Tool for Evaluation of Dedicated Bioenergy and Waste-to-Energy Alternatives - (Andre Coleman)	CSVs: The Esperanto of Software Communication (Roger Dunn)		GIS and Wildfire: From the Fireline to your Community (Buck Ehler & Sean Edwards)
2:20 PM - 3:00 PM	ArcGIS Open Data:Creating Hubs of Innovation (Joseph Peters)	ArcGIS API for Python: Automating your Web GIS (Ryan Cosby)	Utah Basin Model -A modular soil-water balance GIS tool (Paul Inkenbrandt) / Water Related Land Use Technology and Methodology 2017 (Aaron Austin)		Salt Lake County & ESRI EEAP Program (Izabela Miller, Joseph Rhodes & Anna Sokol)
Vendor's Showcase (Prospector 4) 3:00 PM - 8:00 PM					
Esri Hands-On Learning Lab (Room 300) 3:00 PM - 8:00 PM					
3:00 PM - 3:30 PM	Break In Vendor's Showcase (Prospector 4)				

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SCHEDULE

WEDNESDAY - MAY 10 CONTINUED					
Room	Silver Mine A	Silver Mine B	Uinta I	Uinta II	Prospector 3
3:30 PM - 4:10 PM	ArcGIS Pro in a Nutshell (Rob Elkins)	Leveraging Collector & UtiliSync to Manage Utilities Better (Shawn Beecher)	Utah Water Related Land Use Program Updates (Aaron Austin)		Off the Page Map Projects (Stan McShinsky)
			Measuring the visibility of urban water features (Martin Buchert)		Open Data at the Bureau of Land Management (Richard Warnick)
4:20 PM - 5:00 PM	Using FME to Translate and Automate (Adam Radel)	Return On Investment: Here's Your Sign (Daniel Campbell & Mellissa Lasslo)	Statewide Water Supplier Spatial Data (Adam Clark)		Contributing to the ESRI Community Maps Program (Curtis Wursten & Robert Autrey)
			Urban Vegetation's Relationship with Summer LST in SLC (Joshua Reynolds)		
5:30 PM - 8:00 PM	Vendor's Social Event (Prospector 4)				
8:00 PM - 10:00 PM	7th Annual UGIC Indoor Golf Tournament (Prospector 1 - 3)				

STUDENT SCHOLARSHIP WINNERS

JOSHUA REYNOLDS, UNIVERSITY OF UTAH

Joshua Reynolds is a master's student in the geography program at the University of Utah. He will graduate this May. His areas of interest are GIS, Remote Sensing, and natural resources. When he is not writing python scripts at the DIGIT Lab, he is usually playing basketball, playing disc golf, or hiking some trail.

TOMMY THOMPSON, UTAH STATE UNIVERSITY

Thomas Thompson is currently a Master Student Candidate in Ecology at the Quinney College of Natural Resources and works as a Senior Geospatial Technician for the Remote Sensing and Geographic Information Systems Laboratory. He gained his Geography undergraduate degree with an emphasis in Bioregional Planning and Analysis, with a Minor in Geographic Information Systems (GIS). While gaining his a Bachelor of Science degree at Utah State University, his accolades include Geography Honor Society (Gamma Theta Upsilon), being a Service Learning Scholar, receiving the S.J.& Jessie E. Quinney College of Natural Resources Legacy of Utah State Award, and the Legacy of Utah Robins Award.
He has 6 years of conducting mapping analysis using various GIS and remote sensing software. The past 2 years he has focused on Remotely Piloted Aircrafts (RPA), commonly called drones, and Infrared thermography (IRT). Thomas really appreciates working with faculty and staff because he firmly believes that collaborative efforts help in the advancement of the geospatial sciences. His research creates new geo-spatial datasets that wildlife managers and researchers can use for wildlife and habitat monitoring applications.

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Come Visit Us at Booth #8

SCHEDULE

THURSDAY - MAY 11

Room	Silver Mine A	Silver Mine B	Uinta I	Uinta II	Prospector 3
8:00 AM - 4:10 PM	Esri Hands-On Learning Lab (Room 300)				
8:00 AM - 4:10 PM	Vendor's Showcase (Prospector 4)				
8:30 AM - 10:00 AM Technical Workshops	"Monster Management 2.0" - Enhanced Web Applications with the JavaScript Api 4+ (Bruce Cheney & Ryan Cosby)	Optimizing Field Operations with ArcGIS Apps (Chris LeSueur)	National Geodetic Survey Update: Preparing for Tomorrow (William Stone)		4th Annual UMETT Exercise: Flooding Assessment using Survey123 for ArcGIS (Talsan Schulzke, Matt Schultz & Alex Rudowski)
10:00 AM - 10:30 AM	Break In Vendor's Showcase (Prospector 4)				
10:30 AM - 11:10 AM	USGS National Geospatial Programs Overview (Dave Vincent)	Beyond the Template: Creating Valuable Storymaps (Jessie Pechmann)	Decision Making with Community Analyst Online (Joseph Rhodes)		GIS Preparation for Next Generation 9-1-1 (Mike King, ESRI)
		Smartphone + Trimble Catalyst = High Precision GNSS Receiver (Tom Wussow & Darin Loucks)	CAD to GIS Conversion Tips and Tricks (Justin Sollami)		
			Forklift - Slinging Data All Over the Place (Steve Gourley)		
11:20 AM - 12:00 PM	High Accuracy Aerial LiDAR for Line of Site Studies (Eric Cenovich)	Utah GIS Issues and Initiatives: A Top Ten List (Bert Granberg)	An Introduction to Imagery Derived 3D Models (Jason Brown & Kyle Souhrada)		A database of building footprints for Salt Lake City, c.1950 (Martin Buchert)
	Lidar: Framework Elevation to Smart Community Infrastructure (Darin David)	Aggregating Utah's Statewide Roads Dataset (Greg Bunce)			Leaving Behind Cadastral Paper Maps (Dave Henrie and Darin Sleight)
12:00 PM - 1:30 PM	Lunch (Prospector 1 - 3)				
1:30 PM - 2:10 PM	Infogroup Data Geocoded Consumer / Business Data (Nancy Spidle)	Back-up With Batch (Roger Dunn)	ArcGIS Pro and the Future of GIS (Lindsy Bentley & Derrick Sharp)		Survey123 for ArcGIS: Collect Field Data with Smart Forms (Chris LeSueur)
2:20 PM - 3:00 PM	2016 Water Quality Assessment Data and DEQ Interactive Map (Mark Stanger)	ArcGIS Enterprise: What's New (Rob Elkins)	Automate Your Workflows with Model Builder (Lindsy Bentley & Derrick Sharp)		
		Migration from ArcMap to ArcGIS Pro (Rob Elkins)			
3:00 PM - 3:30 PM	Break In Vendor's Showcase (Prospector 4)				

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SCHEDULE

THURSDAY - MAY 11 CONTINUED

| Room	Silver Mine A	Silver Mine B	Uinta I	Uinta II	Prospector 3
3:30 PM - 4:10 PM	How Wildlife Tracking Can Lead to Better Management (Nathan Kota, Sam Hall, Eric Edgley)	What's New with Mobile Apps in Salt Lake City? See how they are created and used (Nick Kryger)	Dynamically Calculated Attributes in ArcGIS (Michael Philp & Derrick Sharp)		The Utah PLSS Fabric (Sean Fernandez)
			Using Augmented Reality to Identify Assets in the field (Paul Kuehne)		AGRC's Discover Server - Not Just Google Imagery (Rick Kelson)
			Step Out of Your Silo - Join the Community (Steve Gourley)		
5:00 PM - 9:00 PM	Park City Historic Main Street Dinner and Ghost Tour				

FRIDAY - MAY 12

Room	Silver Mine A	Silver Mine B	Uinta I	Uinta II	Prospector 3
8:00 AM - 10:30 AM	Esri Hands-On Learning Lab (Room 300)				
8:00 AM - 10:30 AM	Vendor's Showcase (Prospector 4)				
8:30 AM - 10:00 AM Technical Workshops	What is Your Bias? (Panel)	SQL for GIS Professionals (Dave Henrie & Darin Sleight)	Developing an Enterprise GIS Strategy (Trevor Hebditch & Izabela Miller)		Meeting Next Generation 9-1-1 GIS Requirements (Melanie Crittenden, Kevin Rose, Bert Granberg)
10:00 AM - 10:30 AM	Break In Vendor's Showcase (Prospector 4)				
10:30 AM - 11:10 AM	How We Modernized Our To-Do Lists and How You Can Too (Josh Groeneveld & Jessie Pechmann)	How Good Can I Expect the Data from a UAS Collection To Be, Really? (Neal Fraser)	Move from Drones to Maps - UAS support for ArcGIS (Joseph Peters)		
11:20 AM - 12:00 PM	Using Remotely Piloted Aircraft and Infrared technology to Detect and Monitor Greater Sage Grouse (Tommy Thompson)	"Getting off the Ground - UAS Entry Points and Practical Examples" (Michael Philp)	Data Scraping for GIS Resources (Kim Coburn)		
12:00PM - 1:00 PM	Closing Lunch, Awards & Raffle (Prospector 1 - 3)				
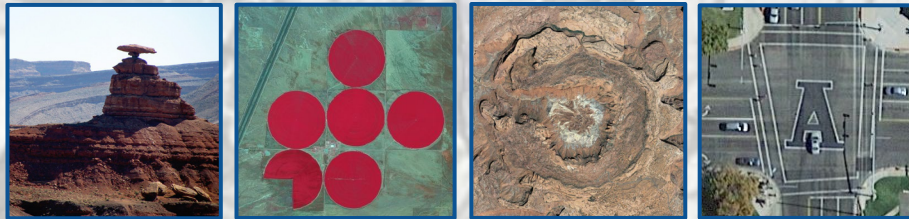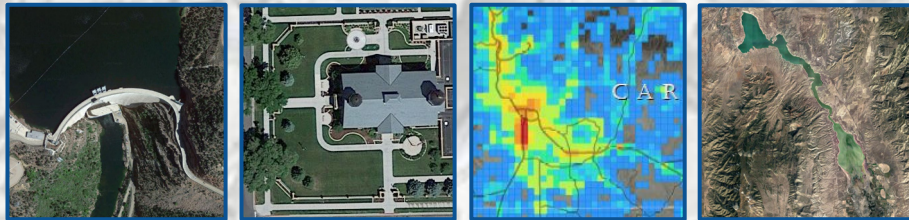
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THE 2018 UGIC CONFERENCE WILL BE HELD OFF THE WASATCH FRONT IN MAY 2018 PLEASE MARK YOUR CALENDAR

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VENDOR RAFFLE
WEDNESDAY 5:30 - 8:00 PM
PROSPECTOR 4

CLOSING LUNCH RAFFLE
FRIDAY 12:00 - 1:00 PM

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VENDOR EXHIBIT AREA
PROSPECTOR 4

Prospector 4

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Deck

14

Food Tables

15

1 | 2 | 3 | 4

7

6

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VENDOR LOCATION

1. ESRI
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Wednesday 3:00 PM - 5:30 PM

Wednesday 5:30 - 8:00 PM Vendor's Social

Thursday 8:00 AM - 4:10 PM

Friday 8:00 AM - 10:30 AM

Foyer C

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