

AGIC Symposium AT-A-GLANCE: Wednesday, September 19, 2018					
8:00am - 4:00pm	Registration in the foyer				
Location:	Ballroom				
10:00am - 12:00pm	<p style="text-align: center;">Welcome</p> <p style="text-align: center;">AGIC Chairperson's Address</p> <p style="text-align: center;">Keynote Address Brenda Ekwurzel, PhD <i>Senior Climate Scientist and Director of Climate Science</i> <i>Union of Concerned Scientists</i></p>				
12:00pm - 1:30pm	<p style="text-align: center;">Lunch provided in Ballroom</p> <p style="text-align: center;">Speakers: Lisa Atkins, State Land Commissioner and State Cartographer; Jenna Straface and Ryan Johnson on Statewide GIS Coordination</p>				
Location:	Ballroom	Chino/Prescott	Granite Mountain	Arizona Room	Copper Basin Room
Track:	Special Session	Break Out Sessions		Hands On Workshops	
		Projections and Datums	Natural Resources 1	Hands On Workshop	Hands On Workshop
1:30pm - 3:00pm	<i>AZGeo Facilitated discussion</i>	Moderator: Gene Trobia The Ongoing Modernization of the National Spatial Reference System <i>Bill Stone</i> State Plane 2022: A Tale of Change, Collaboration, and Redemption <i>Michael Dennis</i>	Moderator: Nicole Eiden "Nikki" Fish & Boat Arizona <i>Nicole Eiden, Brittany McKnight</i> Using Mobile Apps to Enhance Safety and Efficiency During Wildlife Captures <i>Halley Nelson</i> Using GIS and remote sensing to evaluate past rangeland management efforts. <i>Robert Davis</i>	Insights for ArcGIS: an Introduction Jeremiah Lindemann, Esri	Expose your spreadsheet's spatial details with ArcGIS Maps for Office <i>Cody Cohn, Pima County</i> Check-in Assistant: Brandon Van Horn
3:00pm - 3:30pm	Exhibitor Showcase	Break		Jeremiah Lindemann, Esri	Break
Track:		Lightning Talks	Natural Resources 2	Check-in Assistant: Robert Bush	Hands on Workshop
3:30pm - 5:00pm		Moderator: Steve Whitney Lightning Talks Student Scholarship Winners	Moderator: Priyanka Miller Geospatial Tools in Wildland Fire Management and Decision Support <i>Norval Tyler, Jim Downey</i> Rapid Spatial Prioritization for Urban Forestry and Forest Health <i>John Richardson, Wolfgang Grunberg</i> Utilizing Technology to Manage Arizona's Water Resources <i>Robert Hadsell, Karen Fisher</i>		Working with AppBuilder for ArcGIS (Developer Edition) <i>Ayan Mitra, Shea Lemar - ASU</i> Check-in: Shea Lemar
5:00pm - 6:00pm	Join us in the Ballroom for the Maps & Apps Gallery Opening - Appetizers Provided				

AGIC Symposium AT-A-GLANCE: Thursday, September 20, 2018					
7:30am - 9:00am	Full Breakfast Buffet - Foyer and Ballroom				
7:30am - 4:00pm	Registration in the foyer				
Location:	Ballroom	Chino/Prescott	Granite Mountain	Arizona Room	Copper Basin Room
Track:	Break Out Sessions			Hands on Workshops	
		Lightning Talks	Unmanned Aerial Systems (UAS)	Hands On Workshop	Hands On Workshop
8:30am - 10:00am		<p>10 Exhibitor Lightning Talks</p> <p>These 7-minute lightning talks provide a unique opportunity to discover the latest tools and technology available.</p> <p>(see list on last page)</p>	<p>AGIC PreConference UAS Workshop Highlights <i>Brian Brady, Gene Trobia, Jenna Straface</i></p> <p>Drone2Map for ArcGIS: Bring Drone Imagery into ArcGIS <i>Jeremiah Lindemann</i></p> <p>Lessons learned aerial mapping of 1050 acres with a DJI Phantom Pro <i>Chuck Powell, Jack Taylor</i></p> <p>7 Standards for Delivering High Quality sUAS Imagery <i>Robert Davis</i></p>	<p>Elevate Your Cartography Using Map Publisher and Adobe Illustrator</p> <p>Cat Moody</p> <p>Check-in Assistant: <i>Jami Dennis and Nicole Funicello</i></p>	
10:00am - 10:30am	Exhibitor Showcase	Break			
Track:		Cartography Data Visualization	LIDAR		Hands On Workshop
10:30am - 12:00pm		<p>Powerful Storytelling with Maps and Data <i>Jami Dennis</i></p> <p>Cartographic Effects using ArcGIS <i>Jan Weaver</i></p> <p>Operations Dashboard for ArcGIS: Monitoring GIS Operations <i>Jeremiah Lindemann</i></p>	<p>LIDAR Collection Methods <i>Temuulen "Tekii" Sankey</i></p> <p>LIDAR Analysis in R in Support of Forest Resource Decision Making <i>Dr. Andrew Sanchez Meador</i></p> <p>Kaibab NF Lidar Project <i>Mark Christiano</i></p> <p>USGS 3D Elevation Program and 3D Nation Study <i>Drew Decker</i></p> <p>AGIC LIDAR Workgroup <i>Jenna Straface</i></p> <p>LIDAR Panel Discussion</p>	<p>Check-in Assistant: <i>Robert Bush</i></p> <p>Doing GIS the Database Way Workshop Series VII: Leveraging SQL in FME</p> <p>Bo Guo, Jinzhou Zhang, GISTic</p>	
12:00pm - 1:30pm	Lunch provided in the Ballroom				
	Presentation by Arizona Educators Group (AzEdG) and Geomontorship Program followed by Gold Sponsors				
Track:	Special Session	Analysis with GIS	Innovative GIS	Hands On Workshop	Hands On Workshop
1:30pm - 3:00pm	<p>NG9-1-1 GIS Data Considerations</p> <p><i>Raymond Horner, Brian Brady</i></p>	<p>Effects of the Opioid Crisis on Social Support Services <i>Lucas Murray</i></p> <p>Tracking the Opioid Epidemic Using ArcGIS <i>Jeremiah Lindemann</i></p> <p>GIS Application for Compliance Inspection Management <i>Daniel Cruz, Carlos Flores</i></p> <p>Maximize the Value of Your Municipal Online GIS <i>Jessica Chen</i></p>	<p>Applying Bitcoin's Blockchain Technology to GIS <i>Rudy Stricklan</i></p> <p>As-Built GeoSpatial Portal <i>Benjamin Sher, Brian Laird</i></p> <p>Developing Vector Tiles and WebGL: Understing the Benefits <i>Seth Lewis</i></p> <p>Building a Development Status Tracking Solution Using ETL <i>Patrick Connolly-Boutin</i></p>	<p>Introduction to ArcGIS Pro</p> <p>Jennifer Harrison, TeachMeGIS</p>	<p>AZGeo and Data Discovery</p> <p>Jenna Straface, Ben Hickson, Shea Lemar</p> <p>Check-in: <i>Shea Lemar</i></p>
3:00pm - 3:30pm	Exhibitor Showcase	Break			
Track:	Special Session	Transportation	Lightning Talks	Check-in Assistant: <i>Nicole Funicello</i>	Hands On Workshop
3:30pm - 5:00pm	<p>GIS in the Classroom</p> <p>Facilitated discussion</p> <p><i>Elena Ortiz, Chuck Powell</i></p>	<p>ADOT's Roadway Characteristics Full Extent Project <i>Patrick Whiteford, Ryan Blum</i></p> <p>Counting Your Change - Data Supply Chain Extends Data Feedback Mechanisms <i>James Meyer, Ryan Blum, Jacob Skinner</i></p> <p>Transforming MCDOT's GIS-based Transportation Asset Inventory System <i>Steve Hossack</i></p>	<p>A variety of geospatial topics given in 7-minute "Lightning" talks</p> <p>See list on Page 4</p>		<p>The many uses of EMAP 2.0</p> <p>Shujing Li, Bo Guo</p> <p>Check-in Assistant: <i>Michael Hilstrom</i></p>
6:00pm - 8:00pm	Exhibitor Social and Dinner provided in the Ballroom				
	Award Presentations and Door Prizes				

AGIC Symposium AT-A-GLANCE: Friday, September 21, 2018				
7:30am - 9:00am	Full Breakfast Buffet - Foyer and Ballroom			
8:00am - 10:30am	Registration			
Location:	Chino/Prescott	Granite Mountain	Arizona Room	Copper Basin Room
	Break Out Sessions		Hands on Workshops	
Track:	NG 9-1-1	GIS in Action	Hands On Workshop	Hands On Workshop
8:30am - 10:00am	<p>Moderators: Sandra Dyre</p> <p>NG-9-1-1 GIS Data Validation <i>Raymond Horner, Don Compton, Brian Brady</i></p> <p>AZGIVS Improving 9-1-1 <i>Howard Ward, Bo Guo</i></p> <p>9-1-1 Certification Discussion <i>Sandra Dyre, Jenna Straface, Karen Blevins, Brian Bond</i></p>	<p>Moderator: Robert Bush</p> <p>BIM and GIS: A Bridge Too Far...or Not <i>Rick Chappell</i></p> <p>Managing and Sharing Imagery in ArcGIS <i>Joseph Bowles</i></p> <p>Crucial conversations in mobile government <i>Jim Long, Tom Krinke</i></p> <p>Arizona Environmental Public Health Tracking <i>David Olson</i></p>	<p>Introduction to Python <i>Jennifer Harrison, TeachMeGIS</i></p>	<p>Leveraging FME to Integrate, Validate, and Automate your Data Processes <i>Patrick Connolly-Boutin, Consortech</i></p>
10:00am - 10:30am	Break			
Track:	Land Cover/Imagery	Mobile Data Collection		
10:30am - 12:00pm	<p>Moderator: Jason Howard</p> <p>Developing a 1m res. Land Cover Classification for the State of Arizona <i>Ben Hickson</i></p> <p>Land Use Land Cover in Shades of Brown <i>Kenneth Maits</i></p> <p>How Spreading the Value of GIS Can Solve Everyday Problems for Everyone <i>Amanda Bullen, Brian Garcia</i></p>	<p>Moderator: Robert Bush</p> <p>Building a Natural Resource GIS Program for Pima County <i>Elisabeth vanderLeeuw, Rachel Loubeau</i></p> <p>Severe Weather Response using the Operations Dashboard & ArcGIS Online <i>Cynthia Eichhorn</i></p> <p>Bridging the Communication Gap between Lineman and Environmental Regulation <i>Chuck Powell, Nahide Reynolds</i></p> <p>Mobility - Transmission Line Inspection and Data Validation <i>Rami Aly Gad</i> - withdrawn</p>	<p>Check-in Assistant: <i>Nicole Funicello</i></p>	<p><i>Patrick Connolly-Boutin, Consortech</i></p>
12:00pm - 1:30pm	Wrap up and Closing Remarks Box Lunch provided in the Ballroom			
<p>End of Conference. Please Remember to Buckle Up and Drive Home Safely!</p>				

Details for Lightning Rounds	
Student Scholarship Winners (Wednesday 3:30 pm - 5:00 pm)	
Scholarship Winner/Presenter	
1	Arturo Bedolla
2	Elizabeth Moore
3	Jared Logan
4	Jessica Ruiz
5	Justin Eddinger
6	Kirk Jones
7	Mohamed Mohamed
8	Monica Steele
9	Taylor Handschuh
10	Paul Rosevear
Vendor Lightning Round (Thursday 8:30am - 10:00am)	
Presentation Title	Speaker/Company
1	ASU MAS-GIS and Community Engagement Stephanie Deitrick, ASU MAS-GIS
2	Westland Resources Environmental and Engineering Consulting Services Renee Witzke and Chuck Powell, Westland Resources
3	Relieve the Stress Caused by Data Processing and Automation Patrick Connolly-Boutin, Consortech
4	Add Configurable Reports to Your ArcGIS Applications James Van Dyk, Latitude Geographics Group, Ltd
5	eCognition - Overview of Object Based Image Analysis Software Evelyn Creel, Allen Instruments
6	Overview of Aerial LiDAR Acquisition and Applications Ryan Burley, Surdex
7	GIS in the Google Cloud Jason Caldwell, Sanborn
8	Integrating Aerial Imagery through Technology Amanda Bullen, Eagleview
9	How Machine Learning is Changing the World Sean Maday, Google
10	UAV Deliverables: What, Why, How Jared Siegler, Surveyors Source
Lightning Round Smorgasbord (Thursday 3:30pm - 5:00pm)	
Presentation Title	Speaker
1	Goodbye PDFs, Hello Web App! <i>withdrawn</i> Rami Aly Gad <i>withdrawn</i>
2	Map Errors & Corrections Scott McMullen
3	Infrworks and Your GIS Rick Chappell
4	Where does my water flow? Chuck Powell & Alex Kelser
5	R/W dataset for Mohave County - one tech, "spare" time, and 5 years later James Lambert
6	using GIS for community outreach Theresa Foley
7	Developing an Open Data strategy for your organization - the essentials Jon Doherty
8	The Power of Data Driven Pages! Paul Buss
9	What is so cool about insights for ArcGIS Vince Collins
10	ASLD ROWs- Fitting a Square Peg into a Round Hole: Lessons Learned Cheryl Thurman