

AGIC Symposium AT-A-GLANCE: Tuesday, October 1, 2019				
7:00am - 4:00pm	Registration in the foyer			
7:30am - 9:00am	Continental Breakfast in Foyer and Ballroom			
Location:	Copper Basin	Granite Mountain	Arizona	Chino/Prescott
Track:	Technical Session	UAS Special Interest Group	Hands On Workshop	Hands On Workshops
8:30am - 10:00am	<p>NG911: The Data Behind the Magic Jeff Ledbetter, Brian Brady, Sandy Dyre</p>	<p>Moderator: Gene Trobia</p> <p>Lessons Learned from an sUAS Group: Year 2 Chuck Powell Jack Taylor</p> <p>7 Pitfalls to Avoid When Launching an Enterprise Drone Program Brian Soliday</p> <p>Unmanned Aerial Systems - FHWA Perspective John Haynes</p>	<p>ArcGIS Pro Hands On Workshop FIRST OFFERING Peter Gamberg Joseph Peters</p> <p><i>workshop check-in assistant:</i></p>	<p>Introduction to FME for CAD to GIS Patrick Connolly-Boutin</p> <p><i>workshop check-in assistant:</i> Eva Reid</p>
10:00am - 10:30am	Break			
10:30am - 12:00pm	<p>Datums, Projections, and Coordinates: A Spatial Gee-Odyssey Michael Dennis</p>	<p>Moderator: Gene Trobia</p> <p>AGIC UAS Work Group Panel Discussion</p>	<p><i>workshop check-in assistant:</i></p>	<p><i>workshop check-in assistant:</i> Eva Reid</p>
12:00pm - 1:30pm	Lunch buffet provided in Ballroom History of LiDAR Technology - Speaker: Kimberley Denney, Atlantic			
1:30pm - 3:00pm	<p>Designing 3D Terrain Maps Tom Patterson</p>	<p>Moderators: Jenna Levelle, Mark Christiano</p> <p>LIDAR Special Interest Group</p> <p>LIDAR Uses in Forest Management Mark Nigrelli</p> <p>USGS 3D Elevation Program and 3D Nation Drew Decker</p> <p>Life Cycle of a LiDAR Program Jason Caldwell</p>	<p>Introduction to Story Maps Karen Blevins</p> <p><i>workshop check-in assistant:</i> Robert Bush</p>	<p>Insights for ArcGIS Workshop Hayley Miller</p> <p><i>workshop check-in assistant:</i> Eva Reid</p>
3:00pm - 3:30pm	Break			
3:30pm - 5:00pm	<p>Introduction to ArcGIS Enterprise Joseph Peters and Peter Gamberg</p>	<p>Moderators: Jenna Levelle, Mark Christiano</p> <p>All the Things; Capitalizing on Big Data from Devices, Drones, and Cubesats Tyson Swetnam</p> <p>Use of Individual Tree Detection when Quantifying Forest Structure Ryan Blackburn, Andrew Sánchez Meador</p> <p>Enhancing the Impact of investment in LiDAR with OpenTopography Matthew Beckley</p> <p>Topographic Differencing: Open Topography and the 2016 M7 Japan Earthquake Chelsea Scott</p>	<p><i>workshop check-in assistant:</i> Robert Bush</p>	<p><i>workshop check-in assistant:</i> Eva Reid</p>
	Dinner on your own			

AGIC Symposium AT-A-GLANCE: Wednesday, October 2, 2019				
7:00am - 4:00pm	Registration in the foyer (NOTE: Today's Sessions begin at 8:00 AM. All other days begin at 8:30 AM)			
7:30am - 9:00am	Continental Breakfast in Foyer and Ballroom			
Location:	Copper Basin	Granite Mountain	Arizona	Chino/Prescott
	Technical Sessions		Hands On Workshops	
Track:	Technical Session	Technical Session	Hands On Workshop	Hands On Workshop
8:00am to 9:30am	You've got LIDAR...Now what? Demos of LIDAR analysis that anyone can do! Mark Christiano, Nickolas Viau, Kimberley Denney	GIS Data Development and Validation for Next Generation 9-1-1 Jeff Ledbetter, Sandy Dyre	Working with Web AppBuilder for ArcGIS (Developer Edition) Ayan Mitra Shea Lemar workshop check-in assistant: Aparna Thatte	Doing GIS the Database Way: NoSQL Geospatial Jinzhou Zhang Bo Guo workshop check-in assistant:
Location:	Ballroom			
10:00am - 12:00pm	<p style="text-align: center;">Welcome</p> <p style="text-align: center;">AGIC Chairperson's Address Gene Trobia</p> <p style="text-align: center;">Keynote Address Bill Johnson, Carpe Geo Evangelist <i>Applied Geographics, Inc.</i></p>			
12:00pm - 1:30pm	<p style="text-align: center;">Plated lunch provided in Ballroom</p> <p style="text-align: center;">Speakers: Lisa Atkins, State Land Commissioner followed by Jenna Leveille and Gene Trobia on Statewide Coordination</p>			
Location:	Copper Basin	Granite Mountain	Arizona	Chino/Prescott
	Break Out Sessions		Hands On Workshops	
Track:	NG 9-1-1	Cartography	Hands On Workshop	Hands On Workshop
1:30pm - 3:00pm	<p style="text-align: center;">Maintaining NG 9-1-1 Data. Many Roads, One Goal 3 presentations:</p> <p>Overview of NG 9-1-1 Data Improvement Projects Howard Ward</p> <p>Overview of AZGIV Bo Guo</p> <p>Cloud Based Approaches for NG 9-1-1 Data Brian Brady</p>	<p style="text-align: center;">Creating thematic maps: this is my truth, tell me yours</p> <p style="text-align: center;">Kenneth Field</p>	<p style="text-align: center;">Scripting in Python for ArcGIS – The Basics FIRST OFFERING Jennifer Harrison</p>	<p style="text-align: center;">Introduction to Survey123 Karen Blevins</p>
3:00pm - 3:30pm	Break			
Track:	Transportation	Lightning Round		
3:30pm - 5:00pm	<p style="text-align: center;">ADOT's Real Time Transportation Data Conflation Patrick Whiteford, Shaun Perfect</p> <hr/> <p style="text-align: center;">UAS Based LIDAR for Pre-Construction Survey and Transportation Applications Ryan Burley</p> <hr/> <p style="text-align: center;">Evaluating Bicycle and Pedestrian Transit Around Tucson Ben Hickson</p>	<p style="text-align: center;">Student Lightning Round</p>	<p style="text-align: center;">workshop check-in assistant: Aparna Thatte</p>	<p style="text-align: center;">workshop check-in assistant: Don Thorstenson</p>
5:00pm - 6:00pm	Maps & Apps Gallery - Light hors d'oevres served in the Foyer and Ballroom			

AGIC Symposium AT-A-GLANCE: Thursday, October 3, 2019				
7:00am - 4:00pm	Registration in the foyer			
7:30am - 9:00am	Full Breakfast Buffet - Foyer and Ballroom			
Location:	Copper Basin	Granite Mountain	Arizona	Chino/Prescott
Track:	Break Out Sessions		Hands on Workshops	
	Lightning Round	Natural Resources	Hands On Workshop	Hands On Workshop
8:30am - 10:00am	Moderator: Shea Lemar Exhibitor Lightning Talks	Moderator: Glen Buettnner Meeting the State's Water Needs: We've got an App for That! Susan Craig Geospatial Analysis of Monsoon Precipitation Data from Citizen Reporters Gabe McGowan Enhancements to the National Hydrography Dataset Drew Decker	Scripting in Python for ArcGIS – The Basics SECOND OFFERING Jennifer Harrison <i>workshop check-in assistant:</i> <i>Don Thorstenson</i>	ArcGIS Pro Hands On Workshop SECOND OFFERING Peter Gamberg Joseph Peters <i>workshop check-in assistant:</i> <i>Teresa Gregory</i>
10:00am - 10:30am	Break			
10:30am - 12:00pm	Moderator: Phil Ponce Risk Terrain Modeling - Residential Burglaries Jeremy Johnson Graph Databases: Arc/Info Back to the Future Rudy Stricklan Blockchain in Plain English Bo Guo Jay Carpenter	Moderator: Glen Buettnner Leveraging Remote Sensing Data to Improve Safety and Reliability Chris Schroeder Wildland Fire GIS: A Day in the life of a GIS Specialist – a 16 hour day in 2019 Aaron Seifert		
12:00pm - 1:30pm	Plated lunch provided in the Ballroom Speaker: Tom Patterson followed by Gold Sponsors			
1:30pm - 3:00pm	Moderator: Michael Hillstrom Evaluating Techniques for Areal Interpolation of Polygonal Data Erik Glenn Solving for Waste: ArcGIS's Network Analyst & Solid Waste Management Stephen Gushue PAG Safety Explorer: Facilitating Data-Driven Project Development Josh Pope	Moderator: Jason Howard Mapping the Heat! A window into FS National Infrared Operations Unit Mark Christiano How we went Pro: One organization's journey adopting ArcGIS Pro Brian Colson Reality Portal: How we combined Portal for ArcGIS, SSO, and Active Directory Benjamin Sher, Brian Laird	Scripting in Python for ArcGIS – Building on the Basics FIRST OFFERING Jennifer Harrison <i>workshop check-in assistant:</i> <i>Jeff Wilkerson</i>	Learn the Basics of Spatial SQL and Open Source PostGIS in Three Hours Rudy Stricklan <i>workshop check-in assistant:</i> <i>Robert Bush</i>
3:00pm - 3:30pm	Break			
3:30pm - 5:00pm	Moderator: Shea Lemar GISP: What it is and how to get it Rick Chappell Young Professional Networking Panel Hayley Miller Women in GIS Eva Reid	Moderator: Jennifer Psillas The Arizona Military & Energy Land Use Plan (AME-UP) Kevin Seegmiller, Leisa Brug ArcGIS Enterprise Collaboration Peter Gamberg 3D Mapping a Historic Western Film Studio Nikolas Smilvosky, Chirs Lukinbeal		
6:00pm - 8:00pm	Exhibitor Social and dinner buffet provided in the Ballroom Award Presentations and Door Prizes			

AGIC Symposium AT-A-GLANCE: Friday, October 4, 2019				
7:30am - 9:00am	Full Breakfast Buffet in Foyer and Ballroom			
8:00am - 10:30am	Registration			
Location:	Copper Basin	Granite Mountain	Arizona	Chino/Prescott
Track:	Break Out Sessions		Hands on Workshops	
	Working with Data	Working with ArcGIS	Hands On Workshop	Hands On Workshop
8:30am - 10:00am	<p>Moderator: Robert Bush</p> <p>Why you should centralize and automate your data import management using FME Patrick Connolly-Boutin</p> <hr/> <p>Silos In, Solos Out: Building ADOT's Dashboard Culture Bo Guo, James Meyer</p> <hr/> <p>AZGeo: The Road Ahead Ryan Johnson</p>	<p>Moderator: Brian Bond</p> <p>Migrating to ArcGIS Pro Peter Gamberg</p> <hr/> <p>An Introduction to ArcGIS Urban Joseph Peters</p> <hr/> <p>ArcGIS Python API: Web GIS Administrative Workflows Peter Gamberg</p>	<p>Scripting in Python for ArcGIS – Building on the Basics SECOND OFFERING Jennifer Harrison</p>	<p>Introduction to Lidar & Data Access and Processing with OpenTopography</p> <p>Chelsea Scott Matt Beckley</p>
10:00am - 10:30am	Break			
Track:	Lightning Round	Data Integration		
10:30am - 12:00pm	<p>Moderator: Jennifer Psillas</p> <p>Smorgasboard Lightning Round (see page 5 for presentation list)</p>	<p>Moderator: Jason Howard</p> <p>National Geodetic Survey: A Quick Review of Products and Services Bill Stone</p> <hr/> <p>Integration and Workflows for Mobile Data Collection and Reporting Thomas Krinke, Jim Long</p> <hr/> <p>Civic Engagement with the ArcGIS Hub Joseph Peters</p>	<p>workshop check-in assistant: Jeff Wilkerson</p>	<p>workshop check-in assistant: Mark Christiano</p>
12:00pm - 1:00pm	Box lunch - Conference Recap Slideshow and more - Relive the fun!			
Track:	Field Data Collection	GIS Programming etc	Hands On Workshop	Hands On Workshop
1:00pm - 2:30pm	<p>Moderator:</p> <p>Flood Hazard Information Sheets using Survey123, progress and caveats Bill Beaver</p> <hr/> <p>High-Accuracy GPS mapping with your Smartphone or Tablet Isaiah Mack</p> <hr/> <p>Refining Mobile Solutions for All Types of Users Lindsay Spencer</p>	<p>Moderator: Jason Howard</p> <p>Dismembering ArcGIS Rest Service Properties Brian Bond</p> <hr/> <p>Arizona Geocoding and Imputation Tool (AZGIT) David Olson</p> <hr/> <p>Using Python to Streamline Regional Land use and Parcel Data Processing Kurt Cotner</p>	<p>Hands on Workshop AZGIV and EMAP Bo Guo Shujing Li Howard Ward</p> <p>workshop check-in assistant: Jeff Wilkerson</p>	<p>Visualize This: Bringing Your Data to Life When Words Fail Jami Dennis</p> <p>workshop check-in assistant: Robert Bush</p>
<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	Shannon Murphy
2	Cody Wooden
3	Nick Bisley
4	David Grafton
5	Christopher Robinson
6	Jacob Logan
7	Jackson Myatt
8	Trevor Salago
9	Alba Ramos
10	Alex Pakalniskis
Exhibitor Lightning Round (Thursday 8:30 am-10:00 am)	
Company	Speaker
1 Atlantic	Kimberley Denney
2 Consortech	
3 Geocortex	
4 DATAMARK - Michael Baker International	Jeff Iedbetter
5 WestLand Resources	Renee Witzke
6 Esri	
7 Juniper Unmanned	Ryan Burley
8 OpenTopography/ASU	Chelsea Scott
9 BPG Designs, LLC	Brandon Sisco
10 EagleView	Amanda Bullen
Smorgasboard Lightning Round (Friday 10:30 am to noon)	
Presentation Title	Speaker
1 Geomatics At WestLand Resources	Renee Witzke, Pat McGarrity
2 Using GIS in the National Environmental Policy Act (NEPA) Processes.	Corey Archer
3 Provenance in GIS	Bill Beaver
4 Evaluation of Remedial Capture Zones using GIS Tools	Gabe McGowan
5 Story Maps for County Issues	Bill Beaver
6 ReImagining the Rio Salado- a Tempe Beach Park Inventory	Nikolas Smilovsky
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