

| AGIC Symposium AT-A-GLANCE: Wednesday, September 20, 2017 |  |  |  |   |
|---|--|--|--|---|
| 8:00am - 4:00pm   | Registration   |  |  |   |
| 8:30am - 9:45am   | Small Unmanned Aerial Systems (sUAS) Demonstrations<br><i>Join sUAS vendors and volunteers at the South East corner of the South parking lot</i>   |  |  |   |
| Location:   | Ballroom   |  |  |   |
| 10:00am - 12:00pm   | <p align="center"><b>Welcome</b><br/>AGIC Chairperson's Address</p> <p align="center">Keynote Address<br/><b>Bern Szukalski,</b><br/><b>Chief Technology Advocate and Product Strategist at Esri</b></p> <p><i>Rethinking GIS: Making decisions based on geography is inherent to human thinking, whether we are going to the store or on vacation, or whether we're planning for growth in our communities and striving for resilience and sustainability. We use GIS to harvest understanding out of geography so that we can make better plans and decisions about the way we live, and how we act, anticipate, and respond to events. GIS is a technical platform, and we're all practitioners, using GIS to manage, engage, and gain insight – increasingly in real-time. But as GIS has evolved to become more capable and integrated, it's also grown in its ability to drive collaboration with peers and engage public participation. These evolving Web GIS capabilities present opportunities to rethink what we do, and redefine our roles and methods as GIS practitioners.</i></p> |  |  |   |
| 12:00pm - 1:30pm  | Lunch provided in Ballroom<br>Speakers: Curtis Pulford (State Cartographer) and Gold Sponsors  |  |  |   |
| Location:   | Arizona Room   | Chino/Prescott   | Copper Basin Room  | Granite Mountain  |
| Track:  | Hands On Workshop  | Field Data Collection Methods  | Hands On Workshop  | Lightning Talks   |
| 1:30pm - 3:00pm   | Esri Story Maps Workshop<br><i>Jeremiah Lindemann, Esri</i>  | Moderator: Curtis Pulford<br>Creating a Web Map using Field Data<br><i>Angie Garcia</i>      | Map your tabular data with ArcGIS Maps for Office<br><i>Lewis "Cody" Cohn</i><br><br>Check-In Volunteer:<br><i>Tammy Schuerman</i>   | Moderator: Steve Whitney<br><br>Lightning Talks Student Scholarship Winners<br>(see list on page 4)   |
| 3:00pm - 3:30pm   |  | Benefits of High Density Geiger-mode LIDAR<br><i>Anthony D Palizzi</i>                       |  |   |
| Track:  |  | Enhancing Workflow: The Value of Current Imagery and How it Can Help<br><i>Amanda Bullen</i> |  |   |
| 3:30pm - 5:00pm   | Check-In Volunteer:<br><i>Jennifer Psillas</i>   | Moderator: Glen Buettner<br>The Power of Parcels<br><i>Steve Whitney</i>                     | How to Efficiently Perform Data Validation & Schema Mapping with FME<br><br><i>Brian Pont, Cathleen Gracey, Bo Guo</i><br><br>Check-In Volunteer:<br><i>Teresa Gregory</i> | Moderator: Shea Lemar<br><br>10 Exhibitor Lightning Talks<br>These 7-minute lightning talks provide a unique opportunity to discover the latest tools and technology available.<br><br>(see list on page 4) |
| Track:  |  | Parcel Fabric, Tips for Staging and Loading Parcels<br><i>Jack Avis</i>                      |  |   |
|   |  | New Approaches in Address Database Management<br><i>Alex Smith</i>                           |  |   |
| 5:00pm - 6:00pm   | Join us in the Ballroom for the Maps & Apps Gallery Opening - Appetizers Provided  |  |  |   |

| AGIC Symposium AT-A-GLANCE: Thursday, September 21, 2017 |   |  |  |  |
|--|---|--|--|--|
| 7:00am - 8:15am  | Small Unmanned Aerial Systems (sUAS) Demonstrations<br><i>Join sUAS vendors and volunteers at the South East corner of the South parking lot</i>  |  |  |  |
| 7:30am - 9:00am  | Full Breakfast Buffet   |  |  |  |
| 7:30am - 4:00pm  | Registration  |  |  |  |
| Location:  | Arizona Room  | Chino/Prescott   | Copper Basin Room  | Granite Mountain   |
| Track:   | Hands on Workshop   | Lightning Talks  | Hands On Workshop  | sUAS   |
| 8:30am - 10:00am   | Configuring the ArcGIS for Local Government Solution<br><i>Jeremiah Lindemann, Esri</i><br><br>Check-In Volunteer:<br><i>Tammy Schuerman</i>      | Moderator: Cheryl T. or Howard Ward<br>Lightning Round for those that submit a Map or App to the Maps & Apps Challenge<br><br>(see list on page 4)   | Doing GIS the Database Way: SQLite<br><i>Bo Guo and Gene Zhang</i><br><br>Check-In Volunteer:<br><i>Robert Bush</i>  | Moderator: Brian B. and Gene T.<br>AGIC sUAS Work Group Overview<br><i>Brian Brady, Gene Trobia</i><br><br>Challenges with Small UAS Use<br><i>Robert Davis</i><br><br>sUAS Experimentorium<br><i>Richard Lawrence, et al</i>  |
| 10:00am - 10:30am  | Break   |  |  |  |
| Track:   | Hands on Workshop   | Online Application Tools   | Hands On Workshop  | sUAS   |
| 10:30am - 12:00pm  | Introduction to Python<br><i>Jennifer Harrison</i><br><br>Check-In Volunteer:<br><i>Teresa Gregory</i>  | Moderator: Jason Howard<br>Web AppBuilder for ArcGIS<br>Joseph Bowles<br><br>Insights for ArcGIS<br>Jeremiah Lindemann<br><br>Improving Data Integration and Quality through Digital Uploads<br><i>Patrick Connolly-Boutin</i>   | EMAP - A Statewide Addressing Platform for Everyone<br><i>Howard Ward</i><br><i>Viv (Shujing) Li</i><br><i>Bo Guo</i><br><br>Check-In Volunteer:<br><i>Robert Bush</i>                                       | Moderator: Brian B. and Gene T.<br>FAA License and Use Requirements<br><i>Ernest Copeland, Tina Buskirk</i>  |
| 12:00pm - 1:30pm   | Lunch provided in the Ballroom<br>Speaker: Sarah Nilsson  |  |  |  |
| Track:   | Hands on Workshop   | GIS Analysis   | Hands on Workshop  | sUAS   |
| 1:30pm - 3:00pm  | Using the Esri Suite of Field Data Collection Applications<br><i>Joseph Bowles, Esri</i><br><br>Check-In Volunteer:<br><i>Tammy Schuerman</i>     | Moderator: Phil Ponce<br>Roses are Red, Violets are Blue, Data Needs Love and Analysis, Too<br><i>Brian Bond</i><br><br>Using Esri's Collector to Conduct large-scale Saguaro Inventory<br><i>Tisha Gonzales, Veronica Nixon</i><br><br>How an 18th Century Cleric Can Help you make better GIS Decisions<br><i>Rudy Stricklan</i> | OpenStreetMap editing with the JOSM Editor<br><br><i>Greg Morgan</i><br><br>Check-In Volunteer:<br><i>Robert Bush</i>  | Moderator: Brian B. and Gene T.<br>From the Past, A Sustainable Future-Using UAVs in Tree I.D. <i>Zachary Rothwell, Cesar Del Castillo-Horta</i><br><br>Dawn of the Drones<br><i>Bridget Johanning</i><br><br>Evolving UAV Practices within the GIS Community<br><i>Zachary Radel, Jared Siegler</i> |
| 3:00pm - 3:30pm  |   | Break  |  |  |
| Track:   |   | GIS in Action  | Hands on Workshop  | Datums, Elevations, and GPS  |
| 3:30pm - 5:00pm  |   | Moderator: Curtis Pulford<br>Understanding Charter School Impacts from a Geospatial Perspective<br><i>Jill Jones</i><br><br>Using GIS To tackle the Opioid Epidemic<br><i>Jeremiah Lindemann</i><br><br>Improving Foster Home Recruitment Using Market Segmentation<br><i>Lucas Murray</i>   | sUAS Operations: Data Collection and Planning for Success<br><br><i>Richard Lawrence</i><br><i>Robert Turner</i><br><i>Chris Gunter</i><br><i>Noah Ruiz</i><br><br>Check-In Volunteer:<br><i>Robert Bush</i> | Moderator: Jon Doherty<br>Onward to 2022: Replacing NAD83 & NAVD88<br><i>Bill Stone</i><br><br>The National Map: 3D Elevation Program and NHDPlus High Resolution<br><i>Drew Decker</i><br><br>Free and Paid Correction Services in Arizona and how to use them<br><i>Brian Mickel</i>               |
| 6:00pm - 8:00pm  | Exhibitor Social and Dinner provided in the Ballroom<br>Award Presentations<br>Trivia Challenge and Door Prize Drawings (must be present to win!) |  |  |  |

AGIC Symposium AT-A-GLANCE: Friday, September 22, 2017

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|---|---|---|---|--|
| 7:00am - 8:15am   | <p align="center"><b>Small Unmanned Aerial Systems (sUAS) Demonstrations</b><br/> <i>Join sUAS vendors and volunteers at the South East corner of the South parking lot</i></p> |   |   |  |
| 7:30am - 9:00am   | <p align="center"><b>Full Breakfast Buffet</b></p>  |   |   |  |
| 8:00am - 10:30am  | <p align="center"><b>Registration</b></p>   |   |   |  |
| Location:   | Arizona Room  | Chino/Prescott  | Copper Basin Room   | Granite Mountain   |
| Track:  | Hands On Workshop   | Transportation/NG 911   | Hands On Workshop   | Micro Location and Right of Way  |
| 8:30am - 10:00am  | <p align="center">Introduction to ArcGIS Pro<br/><i>Jennifer Harrison</i></p> <p align="center"><i>Check-In Volunteer:<br/>Tammy Schuerman</i></p>                              | <p align="center">Moderator: Curtis Pulford</p> <p align="center">EMAP: Ready to Serve<br/><i>Howard Ward, Bo Guo</i></p>   | <p align="center">Open Source Data Storage, Editing, and Web Map Publishing<br/><i>Rudy Stricklan<br/>Phil Ponce</i></p> <p align="center"><i>Check-in Volunteer:<br/>Lani Hartzell</i></p> | <p align="center">Moderator: Robert Bush</p> <p align="center">GIS micro location using Beacons and Geofencing<br/><i>Shea Lemar, Stephanie Deitrick, Ayan Mitra</i></p>   |
| 10:00am - 10:30am   |   | <p align="center">A Data Supply Chain Becoming Reality<br/><i>James Meyer, Jerome Breyer, Sandra Dyre</i></p>   |   | <p align="center"><del>ADA Right of Way Compliance w/ Data Collection Comparison</del><br/><i>Chad Price, et al</i></p>  |
| Track:  |   | <p align="center">Integrating Roads and Address Programs to Meet NG-911 Needs<br/><i>Gene Trobia</i></p>  |   | <p align="center">ADOT's Right-Of-Way Data Collection<br/><i>Patrick Whiteford</i></p>   |
| 10:30am - 12:00pm   |   | <p align="center">Break</p> <p align="center">GIS Programming</p> <p align="center">Moderator: Jon Doherty</p> <p align="center">Mapping Item Dependencies using the ArcGIS API for Python<br/><i>Seth Lewis, Ayan Mitra, Stephanie Deitrick</i></p> <p align="center">Salt River Project's Canal Dry-Up Tool using Python Add-Ins<br/><i>Brian Skerven, Shea Meyer</i></p> <p align="center">Writing Error Checking Utilities for ESRI Collector Projects<br/><i>Jeff Little</i></p> |   | <p align="center">Break</p> <p align="center">Lightning Talks</p> <p align="center">Moderator: Jennifer Psillas</p> <p align="center">Lightning Round Smorgasbord</p> <p align="center">Lightning talks on a variety of geospatial topics. There is sure to be something here for everyone!</p> <p align="center">(see list on page 4)</p> |
| 12:00pm - 1:30pm  | <p align="center"><b>Wrap up and Closing Remarks</b><br/> <b>Box Lunch provided in the Ballroom</b></p>   |   |   |  |
| <p align="center"><b>End of Conference.</b><br/> <b>Please Remember to Buckle Up and Drive Home Safely!</b></p> |   |   |   |  |

| <b>Details for Lightning Rounds</b>                                |  |
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| <b>Student Scholarship Winners (Wednesday 1:30 pm - 3:00 pm)</b>   |  |
| <b>Presentation Title</b>  | <b>Speaker</b>   |
| 1  | Vanessa Ricigliano   |
| 2  | Nicole Denecour  |
| 3  | Elizabeth Michelle Brant   |
| 4  | Alyssa Anderson  |
| 5  | Daniel Foley   |
| 6  | Bianca Ramirez Espinosa  |
| 7  | Devesh Khosla  |
| 8  | Carly Herndon  |
| 9  | Robert Turner  |
| 10   | Cheryl Begay-Mizell  |
| <b>Vendor Lightning Round (Wednesday 3:30 pm - 5:00 pm)</b>        |  |
| <b>Presentation Title</b>  | <b>Speaker</b>   |
| 1  | Geocortex for WebApp Builder and More!<br>Scott Stafford-Veale: Latitude Geographics   |
| 2  | Rapid Data Collection via Mobile Mapping Systems<br>Andrew Carey: Compass Tools  |
| 3  | Aerial Imagery and Web Application Integration<br>Amanda Bullen, Brian Garcia: Eagleview (Pictometry)                        |
| 4  | The Top 10 Things You Missed at the 2017 Esri User Conference<br>Jon Doherty: Esri   |
| 5  | How to Quickly Deliver Data to Web Services and Applications<br>Cathleen Gracey: Safe Software                               |
| 6  | Open Source Web Apps<br>Phil Ponce: Engineering Mapping Solutions  |
| 7  | Web Service Based Google Imagery Subscriptions<br>Jason Caldwell and Kyle Campbell: Sanborn/Google                           |
| 8  | Using GIS in a Public School Setting<br>Jared Nelson: Davis Demographics   |
| 9  | Survey Precision with Smart Phones and Tablets<br>Brian Mickel: LHNNAV; Richard Desrochers: Geneq                            |
| 10   | What is Trimble RTX Technology?<br>Evelynn Creel: Allen Instruments & Supplies   |
| <b>Maps &amp; Apps Lightning Round (Thursday 8:30am - 10:00am)</b> |  |
| <b>Presentation Title</b>  | <b>Speaker</b>   |
| 1  | MAG Regional Activity and Destination Viewer (aka RAD!)<br>Jason Howard  |
| 2  | Better Change Mangement in the Local Government with webGIS<br>Seth Lewis, Ayan Mitra, Stephanie Deitrick                    |
| 3  | Murals of Phoenix<br>Julian Sodari   |
| 4  | Wildfires Situation Application for the State of Arizona<br>Eric Shreve  |
| 5  | Discover the Hidden Treasures of Sweetwater Preserve in Pima County, AZ<br>Becky Steinnecker                                 |
| 6  |  |
| 7  |  |
| 8  |  |
| 9  |  |
| 10   |  |
| <b>Lightning Round Smorgasbord (Friday 10:30am - 12:00pm)</b>      |  |
| <b>Presentation Title</b>  | <b>Speaker</b>   |
| 1  | Web App Builder Development in Santa Cruz County<br>Bill Beaver  |
| 2  | Managing a Safe, Efficient, and Effective Field Team<br>Josh Edge  |
| 3  | The ABCs of XYZ: My GeoMentor Adventure at Borton Magnet School<br>Chuck Powell  |
| 4  | Automating The Creation of Maps from UAS Data<br>Bo Guo  |
| 5  | Archaeological Sensitivity Modeling for Cultural Resource Inventory<br>Z. Nahide Aydin; Sebastian Chamorro; Cannon Daughtrey |
| 6  | Using GIS and Environmental Data for the Pima County Brownfield Program<br>Theresa Foley and Chloe Jackson                   |
| 7  | EMAP: Success through Technology Orchestration<br>Viv (Shujing) Li   |
| 8  | Designing Accessible Reports<br>Lucas Murray   |
| 9  |  |
| 10   |  |

# Prescott Resort & Conference Center Conference Area Map

-  Keynote, Luncheons, Exhibits, Exhibitor Social
-  Breakout Sessions
-  Hands-On Workshop Labs
-  Map Gallery, Registration
-  Speaker Prep Room
-  Conference Staff
-  Restrooms

