		Tuesday, August 30, 2022		
7:00am - 4:00pm		Registration in the foyer		
7:30am - 9:00am		Continental Breakfast in Foyer and Ballroom		
Location:	Chino/Prescott	Granite Mountain	Copper Basin	Arizona
		Technical Sessions		Hands on Workshops
Track:	1001: Natural Resources SIG 1	2001: UAS Special Interest Group 1	3001: Transportation 1	4001: Hands On Workshop
8:30am - 10:00am	Mods: Elisabeth VanDerLeeuw, Jay Corum	AGIC Natural Resources Workgroup Overview — Jay Corum, Elisabeth vanderLeeuw; Applications of Remote Sensing for Natural Resources — Elisabeth vanderLeeuw, Austin Rutherford; 3D NHD: Considerations and complexities of elevation derived hydrography — Jason Nyberg, Mischa Hey	Moderators: Chuck Powell, Kasey Green — AGIC UAS Workgroup Overview — Kasey Green, Chuck Powell; Year 5 Lessons Learned — Chuck Powell; Aerial Ground Control - Capturing Spatial Data with Orthometric Height Results — Larry Fox, David Grafton	Moderators: Priyanka Miller, Tisha Gonzales — ADOT Data Supply Chain — Sage Donaldson, Jake Skinner; Conflating Line Features To ADOT's Linear Referencing System — Lucas Murray, Jake Skinner; Lessons Learned: Balancing Accuracy, Volume, and Sustainability of Data Integration at ADOT — Sara Thompson, Matt Hiland	Assistant: Steve Whitney — Working with Imagery in ArcGIS — Joe Peters
10:00am - 10:30am		Break		
Track:	1002: Natural Resources SIG 2	2002: UAS Special Interest Group	3002: Transportation 2	
10:30am - 12:00pm	Mods: Elisabeth VanDerLeeuw, Jay Corum — Panel Discussion: The Role of Geospatial in Natural Resource Management	Moderators: Chuck Powell, Kasey Green — Using ArcGIS Pro built-in machine learning classifiers for drone-collected image analysis — Sandeep Sabu; ---------------- ; UAS Missions for GIS: What's Possible and Best Practices — James Ruberto	Moderators: Priyanka Miller, Tisha Gonzales — ADOT GIS Traffic Data Management — Sage Donaldson, Jothan Samuelson; Staking Down the Data Post: Data Governance, Coordination Efforts, and Asset Management — Shaun Perfect, Reid Geiger; LRS Designs: Best Practices Involving Arizona Roundabouts — Shuan Perfect, Ryan Blum	
12:00pm - 1:30pm		Lunch buffet provided in Ballroom — Presentation: Emerging Technologies for Acquiring, Sharing, and Analyzing Imagery — Matt Hiland		
Track:	1003: Technical Session	2003: 4D Geospatial Data SIG 1	3003: Public Safety SIG 1	4002: Hands On Workshop
1:30pm - 3:00pm	Moderator: Jami Dennis — Data Visualization and StoryTelling Essentials Jami Dennis	Moderators: Mark Christiano, Jenna Leveille — 4D Geospatial Data Workgroup Overview — Jenna Leveille, Mark Christiano; Status of the USGS 3D Elevation Program — Drew Decker; OpenTopography and Topographic Differencing — Chelsea Scott; ---------------- ; Project Planning Considerations — Mark Topping	Moderators: Brian Bond, Eric Shreve — AGIC Public Safety Committee Overview — Eric Shreve, Brian Bond; Status of NG9-1-1 Across Arizona — Eric Shreve; GIS data collaboration between County and local GIS data maintainers — Brian Bond	Assistant: Shea Lemar — Using Drone Imagery to Map Urban Features — Shea Lemar
3:00pm - 3:30pm		Break		
Track:		2004: 4D Geospatial Data SIG 2	3004: Public Safety SIG 2	
3:30pm - 5:00pm		Moderators: Mark Christiano, Jenna Leveille — Landscape Scale LiDAR Derived Individual Tree Segmentation and Its Use in Wildland Fire Effects Monitoring — Mark Christiano, Alex Spannuth; ---------------- ; Lidar-driven deep learning accurately classifies species in a southwestern mixed conifer forest — Ryan Blackburn	Moderators: Brian Bond, Eric Shreve — Public=Private Emergency Communications — Cy Smith; ---------------- ; Using ArcGIS Mission — Jon Pedder	
		Dinner on your own		

	Wednesday, August 31, 2022
7:00am - 4:00pm	Registration in the foyer (NOTE: Today's Events begin at 8:00 AM. All other days begin at 8:30 AM)
7:30am - 9:00am	Continental Breakfast in Foyer and Ballroom
Location:	Ballroom
8:00am - 9:00am	**Mugs & Mornings Networking Event** Grab your breakfast at the buffet in the foyer, then hang out in the Ballroom for a casual, fun networking event. This will be your chance to make new friends and meet up with old friends.
9:00am - 9:30am	AGIC 101: A Guide for First Timers - *Granite Mountain Room*
9:30am - 10:00am	Break
Location:	Ballroom
10:00am - 12:00pm	**Welcome** AGIC Chairperson's Address Arizona State Cartographer's Address **Lisa Atkins, Arizona State Land Commissioner and State Cartographer** Keynote Address **NSDI - From Policy to Practice** **Cy Smith, former Oregon Geospatial Information Officer and G&H Consulting Director**
12:00pm - 1:30pm	**Plated lunch provided in Ballroom** **Speakers: Camp Naco**

Location:	Chino/Prescott		Granite Mountain		Copper Basin		Arizona
	Break Out Sessions						Hands On Workshops
Track:	1004: GIS in Action		2005: Working with Data		3005: GIS and Utilities		4003: Hands On Workshop
1:30pm - 3:00pm	Moderator: Gene Trobia *(tentative)*	Who's on first? A proactive review of the relocation of utility and road land rights Jen Wennerlund Connecting GIS Users to Transit Ridership Data Jeff Wilkerson	Moderator: Mariah Modson	Areal Interpolation and Population Weighting Shea Lemar 40 Years of Change, Census Block Demographics Jim Castagneri	Moderator: Robert Bush	Esri's Utility Network: Navigating Turbulent Waters John Janzen Utility Network Migration Lessons Learned for Water Utilities Brian Colson	Assistant: Kasey Green — Introduction to LiDAR, Data Access, and Processing with OpenTopography Chelsea Scott Emily Zawacki
3:00pm - 3:30pm			Break				
Track:	1005: LiDAR in Action		2006: Student Lightning Round		3006: ArcGIS Solutions		
3:30pm - 5:00pm	Moderator: Shea Lemar	Airborne LiDAR – Traditional Nadir Versus Oblique Perspectives Arron Lee, Matt Bethel Using Lidar and Multispectral Aerial Imagery to Support Wildfire Support Planning and Recovery Jason Caldwell	Moderator: Howard Ward	STUDENT SCHOLARSHIP WINNERS *see page 4 for details*	Moderator: Shawny Ekadis	ArcGIS Solutions for Infrastructure Joe Peters	
5:00pm - 6:00pm	Maps & Apps Gallery - Light hors d'oevres served in the Foyer and Ballroom						

Thursday, September 1, 2022			
7:00am - 4:00pm	Registration in the foyer		
7:30am - 9:00am	Full Breakfast Buffet - Foyer and Ballroom		
Location:	Chino/Prescott	Granite Mountain	Copper Basin	Arizona
		Break Out Sessions		Hands on Workshops
Track:	1006: Sponsor Lightning Round	2007: Working with Data	3007: GIS in Action	4004: Hands On Workshop
8:30am - 10:00am	Moderator: Jen Psillas — Exhibitor Lightning Round *see page 4 for details*	Moderator: Jeff Wilkerson — Creating 3D Prints from lidar topography Emily Zawacki / ollege 3D PrintingMatt MintzmyerSpencer	Moderator: Teresa Gregory — GIS Helping the Arizona Army National Guard (AZARNG) in Mission Readiness Teresa Gregory / The Arizona Evacuation Project Morgana Laurie, Paul Rosevear	Assistant: Tanya Owens — You Don't Need No Stinkin' GIS Software Rudy Stricklan
10:00am - 10:30am	Break		
Track:	1007: Data Sharing	2008: Prepare for the New Datums	3008: GIS Integration	4005: Hands On Workshop
10:30am - 12:00pm	Moderator: Kevin Blake — ADOT's Success with Data Sharing on AZGeo Sage Donaldson, Patrick Whiteford / Small Town Rises to GIS Challenge Shawn Kreuzwiesner, Phil Ponce	Moderator: Jami Dennis — What to Do When Atlas Shrugs: Preparing for the Impact of New Datums Michael Dennis Lynda Bell Brian Fisher	Moderator: Teresa Gregory — Leveraging Esri Streaming Services for Real-Time Applications Bo Guo, Jinzhou Zhang / Resolving Polygon Topology in GIS Integration - A Web GIS Approach Brian Brady	Assistant: Mariah Modson — Getting Started with FME workbench Karol Francis
12:00pm - 1:30pm	Plated lunch provided in the Ballroom Integrating GIS and Drones into classrooms - *Jacob Draper and Justin Eddinger, Green Drone AZ*		
Track:	1008: Facilitated Discussion	2009: Working with Parcel Data	3009: Communicating with Data	4006: Hands On Workshop
1:30pm - 3:00pm	Moderator: Jenna Leveille — AZGeo Facilitated Discussion Ryan Johnson James Meyer Kasey Green	Moderator: Josh Van Buskirk — The Power of Parcels - Gateway to Data Nirvana Steve Whitney, Veronica Nixon / Using Parcel Fabric to Support ASU's Real Estate Needs Chris Cunningham	Moderator: Robert Bush — Beyond the Map: Improving Communication Using Web Apps Lucas Murray / Harnessing the power of storytelling with Story Maps Jami Dennis	Assistant: Nicole Funicello — The American Community Survey and new 2020 Statistical Geography Jim Castagneri
3:00pm - 3:30pm	Break		
Track:	1009: sUAS Imagery Processing	2010: Professional Development	3010: GIS in Action	
3:30pm - 5:00pm	Moderator: Gene Trobia — sUAS Imagery Processing with Trimble Business Center Tom Homan	Moderator: Patrick Whiteford — AGIC Mentorship Program Overview Patrick Whiteford Jenna Leveille / Mentorship Program Panel Discussion	Moderator: Josh Van Buskirk — Water Use and Residential Growth: GIS and Regional Planning at CAP Viviane Baji, Karen Fisher / Leveraging GIS in homelessness outreach, engagement, and service delivery Stephanie Deitrick, Melissa McGehee	
6:00pm - 8:00pm	Exhibitor Social and dinner buffet provided in the Ballroom Award Presentations and Door Prizes		

	Friday, September 2, 2022			
7:30am - 9:00am	Full Breakfast Buffet in Foyer and Ballroom			
8:00am - 10:30am	Registration			
Location:	Chino/Prescott	Granite Mountain	Copper Basin	Arizona
	Break Out Sessions			Hands on Workshops
Track:	1010: GIS Applications	2011: Technical Session	3011: Technical Session	4007: Hands On Workshop
8:30am - 10:00am	Moderator: Shea Lemar — Integrating GIS Workflows with SalesForce, Ayan Mitra, Ryan Johnson; Arizona Wildfire Risk Assessment Portal (AzWRAP), Ayan Mitra, Wolfgang Grunberg	Moderator: Mariah Modson — Using data.census.gov, Jim Castagneri, Lacey Loftin	Moderator: Robert Bush — ArcGIS Experience Builder: An Introduction, Yueling Li	Assistant: Kasey Green — Introduction to cloud-native and analysis ready data types, Tyson Swetnam, Kiri Carini, Dr. Carlos Lizarraga-Celaya
10:00am - 10:30am	Break			
Track:	1011: Lightning Talks	2012: Professional Development	3012: Technical Session	
10:30am - 12:00pm	Moderator: Jenna Leveille — Smorgasboard Lightning Round, see below for details	Moderator: Robert Bush — Get Certified: Becoming a GISP, Jami Dennis, Sarah Hess; Landing the Job: Tips for filling out applications and preparing for interviews, Steve Whitney	Moderator: Shea Lemar — Getting Graphic with ArcGIS, Morgana Laurie	
12:00pm - 1:00pm	Box lunch - Conference Recap Slideshow and more - Relive the fun!			
	End of Conference. Please Remember to Buckle Up and Drive Home Safely!			

Details for Lightning Rounds

Student Scholarship Winners (Wednesday 3:30 pm - 5:00 pm)
	Scholarship Winner/Presenter
1	Abdelrhman Ali
2	Amber Morin
3	Margaret Tueller
4	Jazzmen Wilson
5	Jacob Draper
6	Mihir Sriram Aranala

Exhibitor Lightning Round (Thursday 8:30 am-10:00 am)
	Company	Topic/Title	Speaker
1	AllTerra Central	Intro to Allterra Central: What is new with Trimble and Juniper Systems	Evelyn Creel
2	Bad Elf	Creating and Managing Spatial Assets	Larry Fox
3	The Map Lady, LLC	3D technology is reshaping many industries - GIS Professionals are ready	Taylor Handschuh
4	Sanborn Map Company	Next Generation of Geospatial Data Content	Jason Caldwell
5	Davis Demographics		Jared Nelson
6	NV5 Geospatial		Jason Nyberg
7	EMS Solutions	What's up at EMS?	Phil Ponce
8	VertiGIS	How to Add PDF Reports to ArcGIS Web Apps	James Van Dyk
9	GIS Works Consulting		Ryan Blum
10	VeriDaaS Corporation	Hi-Definition LiDAR Solutions	Conse Vecchio

Smorgasboard Lightning Round (Friday 10:30 am - 12:00 pm)
	Presentation Title	Speaker
1	Filling Gaps: High Priority Travel Surface Type for MIRE	Sara Thompson, Brittanie Hambrick
2	Tips and Tricks for Administering ArcGIS Enterprise	Kacie Baker
3	Some Really Good Remote Sensing Products	Robert Davis
4	Deploying Experience Builder for Yavapai County Emergency Management – Information Hub	Brooke Serpa
5	Combining data sources for improved user experience in StoryMaps	Brandon Barnett
6	Geographic Coordinate Systems Primer, Part 1	Jeff Whitham
7	Geographic Coordinate Systems Primer, Part 2	Jeff Whitham