2018 Big Sky GeoCon - Wednesday, April 18th - Helena, MT

	Clark Room	Helena Room	Governor Room	Lewis Room
8:00 - 8:30	Risk Assessment of Utility Systems for Natural Hazards and Disaster *Michael Krueger, Brittany Huntsberger*	LUCA Trouble-Shooting Presentation *Jim Castagneri*	3D Montana - LiDAR for Montana *Erin Fashoway, Troy Blandford*	Drones in Archaeology: Understanding a Prehistoric Mining Quarry *Alex Schwab, Tim Ryan*
8:40 - 9:10	(con't)	MSDI Administrative Boundaries and U.S. Census Programs Update *Meghan Burns*	New LiDAR Technologies for 3DEP *Stephen Shivers*	Northern Cheyenne Tribal Ecoregional Ethnographic GIS Assessment *Ken Wall*
9:10 - 9:40 BREAK				
9:40 - 10:10	Leveraging GIS to Assist with Emergency Evacuations *Tom Kohley*	Explore data.census.gov *Kimberly Davis*	The Survey Grade Accuracy World Meets GIS and LiDAR *Wallace Gladstone*	Large Landscape Monitoring Using Drones, Landsat and Machine Learning *Scott Morford, Amy Pearson*
10:20 - 10:50	Geospatial Technologies for Search & Rescue *Curtis DeVault*	Census Business Builder *Lacey Loftin*	(con't)	New Geospatial Approaches for Efficiently Mapping Forest Biomass *John Hogland*
11:00 - 11:30	EnviroMaster - STEM Solution for Emergency Services *Susan Flentie, Katherine Spraggins*	Census Data Tools Tab *Kimberly Davis*	State Plane Coordinate Systems for 2022 Stakeholders *Wallace Gladstone*	Improving Oil and Gas Lease Review and Comment Processing Using ArcGIS Online *Smith Wells*
11:30 - 1:30 LUNCH & Keynote Address - Grand Ballroom				
1:30 - 2:40	ArcGIS Enterprise 10.6: Ask The Pros *Scott Moore, Nathalie Smith*	Creating Dynamic Data Maps with Tableau Public *Kimberly Davis*	Imagery for Montana and the Future of the NAIP Imagery Program *Erin Fashoway*	Integrating Wildfire Risk Assessment with Landuse Planning: A Spatial Decision Support Tool *Jessica Haas*
2:40 - 3:10 BREAK				
3:10 - 3:40	ArcGIS Pro: Ask the Pros *Scott Moore, Nathalie Smith*	2020 Census Tabulation Blocks *Colleen Joyce*	Managing Control Point Data in ArcGIS *Bob Holliday*	Travel Behavior and Decision Making of Lift Access Backcountry Skiers *John Sykes*
3:50 - 4:20	(con't)	Participant Statistical Areas Program (PSAP) *Jim Castagneri*	Lewis & Clark Corner Recordation GIS Feature Class Project *Dave Highness, Jason Danielson*	
4:30 - 5:00		The U.S. Census Bureau's Public Law 94-171 Redistricting Data File *Colleen Joyce*	Party in the ReferenceUSA *Jessica Edwards, Erin Fashoway*	
5:30 - 8:00 BANQUET & Awards - Grand Ballroom				

2018 Big Sky GeoCon - Thursday, April 19th

	Clark Room	Helena Room	Governor Room	Lewis Room
8:00 - 8:30	Planning for NG9-1-1 in Montana *Michael Fashoway*	Small Town Act, Global Outreach: Digital Prediabetes and Diabetes Awareness *Dorota Carpenedo*	UAVs Past, Present and Future *David Ilgenfritz*	The Things we Collect (ArcGIS Collector) *Brian Andersen*
8:40 - 9:10	Transitional GIS Challenges of NG9-1-1: Tabular MSAG to GeoMSAG Conversion *David Peck*	Using GIS to Describe Blood Pressure Medication Adherence *Carrie Oser*	Using Unmanned Aerial Systems for Natural Resource Management and Research *Valentijn Hoff*	ArcGIS Collector Discussion
9:20 - 9:50	(con't)	Spatial and Temporal Dynamics in West Nile Virus Risk in Montana *Grant Hokit*	Pitfalls of Small Unmanned Aircraft Systems in Research *Jennifer Fowler*	Mobile 3D Mapping: The Zeb-Revo Handheld Solution *Jackson Beighle*
		9:50 - 10:20 BREAK		
10:20 - 10:50	Preparing GIS Data for NG9-1-1: Lessons Learned from 20 Rural Counties in MT, ND, SD, WY *Ken Wall*	Mapping Social Health Determinants *Kristin Lundgren, Annastacia Anderson*	Getting Useful Data from Unmanned Aircraft Systems: From Autopilot to Z-Axis *Jonathan Byers*	Communicating Performance (ArcGIS Operational Dashboard) *Jon Henderson*
11:00 - 11:30	9-1-1 GIS Data Maintenance and Workflows Panel *Panel Discussion*	An Overview of What GIS is Used for in Local Government *Jeff Hedstrom*	High Resolution UAV Imagery in Combination with Ground Based Data Collection in a Montana Winter Wheat Field *Philip Davis, Rob Ahl*	Production Cartography Using Python and the ArcPy Mapping Module *Adam Petersen*
11:40 - 12:10	(con't)	DJ&A Cemetary Audit Project *Craig Threlkeld*	Use of Drone Acquired Digital Mapping Products *Doug Chandler*	Web AppBuilder in Transportation Applications *Corey Richardson*
		12:10 - 1:30 LUNCH - Grand Ballroom		
1:30 - 2:00	DOR - Data on the Rise *Tara Preston, Chris Kangas*		UAV Panel *Panel Discussion*	ArcGIS Online Administration at MDT *Brian Klapstein*
2:10 - 2:40	MSDI Cadastral Framework Panel *Panel Discussion*		(con't)	(con't)
2:50 - 3:20	(con't)		(con't)	
		3:20 - 3:40 BREAK		
3:40 - 5:00	Montana Summit - Governor Room			
	1:00 - 5:00 MLIAC Meeting - Judicial Room			

Track Names / Color Codes:

Census	Natural Resources	State & Local Government	Tribal
GIS Technology & Apps	Public Safety	Survey	UAVs in GIS
Health			