

	Aspen Room	Conifer/Evergreen Rooms	Alpine Room 1
	ASPRS	Educators and Students	Public Service and Safety
8:30	<i>Forest Health Assessment for the Cook Inlet Ecoregion, Alaska</i> Michael Tuffly	<i>Beyond the Textbook: Connecting Students to the Geospatial World</i> Elizabeth Tulanowski	<i>Upcoming Regional Data Projects – Imagery, Lidar, Planimetric Features</i> Ashley Summers
9:00	<i>Mapping the Camp Fire Burn Severity Using Synthetic Aperture Radar (SAR)</i> Michael Tuffly	<i>Leveraging Indoor Mapping in School Planning</i> Tammira Taylor and Elizabeth Halpin	<i>Esri's Business Analyst Extension at South Metro Fire Rescue</i> Heather Hoelting
9:30	<i>GIS to NCS: Roadway Planimetric and 3D Breakline Mapping in the National CAD Standard</i> Robert Dzur	<i>Reducing Operational Overhead by Optimally Siting Facilities Within a Service Territory</i> Jacqueline Sinclair	<i>How the Sausage is Made: A Peek into Specialized Cartography</i> Elaine Guidero
10:00	Morning Break - Light snacks and refreshments		
	UAS	Educators and Students	Public Service and Safety
10:30	<i>Large Scale Mapping with UAVs</i> Trent Casi	<i>Charting Your Spatial Career</i> Esther Worker	<i>Empowering CDOT Maintenance Crews with a GIS Tool for the Field</i> Gary Aucott
11:00	<i>UAS Data Processing and Fleet Management for Operational Efficiency</i> Nathan McEachen and Jeff Akers	<i>Land Use/Cover Change and Soil Erosion in Nzehele Valley Limpopo Province, South Africa</i> Blessing Mavhuru	<i>From the Unknown to the National Map: The Sesquicentennial Colorado River Exploring Expedition (SCREE)</i> Genevieve Barron
11:30		<i>A Better Way to Measure Distance and Area on Uneven Digital Terrain</i> Georgios Charisoulis	<i>Multi-Scale Mapping with Large Production Output – Lessons Learned and Moving Forward</i> Sara Boyer
12:00	Lunch is available from 12:00p to 1:00p		
1:00	Second Day Keynote in The Alpine Ballroom		
2:00	Early Afternoon Break - Light snacks and refreshments		
	Career Development Academy	Educators and Students	Public Service and Safety
2:30	<i>CDA is designed for any individual seeking to, or anticipating, transition from one stage of their career to another. Students, early career professionals, and seasoned GIS experts are all invited to participate.</i> <i>2:30-3:15p State of Geospatial</i> <i>3:15-3:45p Beat the 'ALGOS' at their Own Game</i> <i>3:45-5:00p Soft Skills for a Hard Industry Workshop</i>	<i>Small Changes in Street Connectivity Can Result in Big Gains for Student Walking</i> Jeremy Auerbach	<i>A Geospatial Catalog of Stormwater Infrastructure Across Colorado: The Benefits and Challenges of Consolidating Stormwater Data Among Various MS4s</i> Jeremiah Unger and Tyler Dell
3:00		<i>When El Niño Rages: How Satellite Data Can Help Water-Stressed Islands</i> Nick Luchetti	
3:30			

Presentation time slots include Q&A and transition between speakers

	Alpine Room 2	Alpine Room 3	Alpine Room 4
	GISCO: Your Geospatial Connection	NHDPlus High Resolution - Creation and Applications	Technology Spotlight
	<i>What's New in USGS Mapping Products, Services, and Tools</i> Darcee Killpack	<i>What is the NHDPlus High Resolution? Creation and Applications</i> Michael Tinker	<i>The Future of Geospatial Is Education – How Hexagon Geospatial Is Preparing for Tomorrow's Geospatial Challenges</i> Michael Lane
	<i>One Small Business Owner's Innovation in Response to SUE Legislation</i> Brian Collison	<i>Collection of International Elevation Data for NHDPlus High Resolution Dataset</i> Brian Collinge	<i>Simple, Familiar, Fast: An Open-Source Approach to Integrating Data</i> Henry Rich
	<i>What Do USASpending.gov, National Park Service, Ontario Canada, Pennsylvania Attorney General, and Boston Schools Have in Common?</i> Ian Isaacs	<i>WBD Improvements for NHDPlus HR</i> Alexander Kaufman and Lily Niknami	<i>What's New with Tableau Maps?</i> Steve Fenn and Matthew Krusemark
10:00	Morning Break - Light snacks and refreshments		
	GISCO: Your Geospatial Connection	NHDPlus High Resolution - Creation and Applications	Technology Spotlight
	<i>A Unique Window into GIS: Augment Reality Improves Situational Awareness</i> Brady Hustad and Myles McReynolds	<i>VisFilter Uses and Creation for NHDPlus HR</i> Travis Landauer	<i>Deriving Accurate Hi-Res Data on a Budget</i> Benjamin Wittman and Noah Polizzotto
	<i>Meaningful Mapping on the Island of Kalamos: Historic Imagery, Participatory Mapping, and Drones</i> Sophia Linn and Riley Ross	<i>NHDPlus High Resolution Value Added Attributes</i> Hayley Thompson and Cynthia Ritmiller	<i>LaserGIS Asset Data Collection to Increase Field Mapping Efficiency</i> Kassie Carley and Joe Cronn
	<i>Can a Map Create a Movement? Lessons Learned from a Community Effort to Create a Better Bike Map</i> Avi Stopper and Gianfranco Palumbo	<i>How Stream Gage Data is Used to Create Flow Volume for NHDPlus HR Streams</i> Tatyana DiMascio and Michael Tinker	<i>Big Forces Come Together</i> Stan Hennigh
12:00	Lunch is available from 12:00p to 1:00p		
1:00	Second Day Keynote in The Alpine Ballroom		
2:00	Early Afternoon Break - Light snacks and refreshments		
	Asset Management	NHDPlus High Resolution - Creation and Applications	Technology Spotlight
2:30	<i>Field Survey Using ArcGIS Online, Collector and Survey123 an Integrated Approach</i> Jeff Eisman	<i>Uses of NHDPlus HR</i> Michele Basile	<i>What's New with ArcGIS Field Apps</i> Shelby Hines
3:00	<i>Using Risk & Condition to Develop Asset Management Strategy</i> Matt Ponder	USGS NHDPlus HR Panel Discussion	<i>Extending Your Geospatial Wizardry with Machine Learning</i> Daniel Aragon
3:30			