

Wednesday, September 28th			
8:00 AM	Light Breakfast - <i>Daniels Great Hall</i>		
9:00 AM	Opening Remarks - <i>The Malone Theater</i>		
9:15 AM	Keynote: Rani Kumar, Colorado Department of Public Health & Environment EnviroScreen <i>The Malone Theater</i>		
10:15 AM	Mid-Morning Break - <i>Daniels Great Hall</i>		
10:30 AM	Sponsor & Exhibitor Showcase <i>Daniels Great Hall</i>		
12:00 PM	Lunch - <i>Daniels Great Hall</i>		
TRACKS	The National Map Data <i>The Malone Theater</i>	GIS Data, Community Involvement and Collaboration <i>Bresnan Boardroom</i>	GIS and the Environment <i>Saeman Briefing Room</i>
1:00 PM	Carol Lydic USGS 3D Elevation Program	Ashley Summers DRCOG Makes Imagery, Lidar, Planimetric Data, and Land Cover Data Available	Dan Carver Creating Colorado EnviroScreen
1:30 PM	Ryan Teter National Hydrography Dataset (NHD) Flow Analysis at Different Scales	Jenny Wallace The Denver Regional Crash Data Consortium	Tatyana DiMascio USGS National Digital Trails: Trail Planning and Data Aggregation
2:00 PM	Greg Cocks The Next Spatial Representation of the Nation's Hydrology – Building The 3D National Hydrography Program (3DHP) Data Model	Jackie Phipps Montes State of Colorado OIT Update	Phyllis Thomas State of Colorado Water Plan: Where are We Now?
2:30 PM	Poster Presentation Meet the Presenters and Cast Your Vote! <i>ACA/Triax Room</i>		Jeremiah Unger Droning for Water Quality – A Study of UAS Water Quality Applications
3:00 PM	Afternoon Break - <i>Daniels Great Hall</i>		
TRACKS	Lidar Data and Collection <i>The Malone Theater</i>	GIS Data, Community Involvement and Collaboration <i>Bresnan Boardroom</i>	Surveying and Cartography <i>Saeman Briefing Room</i>
3:30 PM	Jason Caldwell Using Lidar and Multispectral Aerial Imagery for Wildfire Support and Recovery	Sophia Linn & Caitlin Mothes Geospatial Centroid 2.0: Energizing CSU's Geospatial Center with New People, Projects, and Place	Brian Shaw The National Spatial Reference System: the Common Foundation of Surveying and GIS
4:00 PM	Robert S. Dzur Wide-area Automated Streamline Collection from High-resolution QL1 LiDAR	Jerry Mohnhaupt The Current State of Geospatial Activities Within the Dynamic Soils Hub	Steve Fuller & Gabe Langdon GIS (Get it Surveyed!)
4:30 PM	Tyler Kaebisch UAS Lidar Mission Planning and Applications	Dan Domagala & Brady Hustad Foundational GIS: Supporting Denver Botanic Gardens' Global Vision for Environmental Research and Conservation	Sarah Kelly Cartography - The Good, the Bad, and the Ugly
5:00 to 7:30 PM	GIS in the Rockies Social Event <i>Daniels Great Hall</i>		

Thursday, September 29th

8:00 AM

Light Breakfast - *Daniels Great Hall*

TRACKS

**Topographic Mapping
*The Malone Theater***

**Vendor Showcase
*Bresnan Boardroom***

9:00 AM

Alexander J. Kaufman &
Josefa M. Baker
**On Demand, Custom,
Topographic Maps
with topoBuilder**

Craig Gooding & Tyler Kaebisch
**Ayres Geospatial Capabilities
and Experience - Ingenuity,
Integrity, and Intelligence**

9:30 AM

Brendan Berve
**TNM Topo Style Template &
Topo Map Vector Data
Demonstration**

David Siddle
**Next Generation in
GPR Locating**

10:00 AM

Mid-Morning Break - *Daniels Great Hall*

TRACKS

**Topographic Mapping
*The Malone Theater***

**Vendor Showcase
*Bresnan Boardroom***

**GPS Technology and
Data Collection
*Saeman Briefing Room***

11:00 AM

Bethany Walker & Lindsey Decker
**A New Approach to
Contour Generation in
US Topo and Staged Products
Utilizing ArcGIS Pro**

Aaron Oxley
**How to Add Customizable
PDF Reports to Your
ArcGIS Web Apps**

Elizabeth Tulanowski, Madzie
Boyles, & Hayden Shortreed
**GPS and Data Collection
Techniques: Insight and Lessons
Learned in the Field**

11:30 AM

Sara Boyer & Bethany Walker
**GazMultiScale Tool: Utilizing the
GNIS Database to Fit Multiscale
Labeling Requirements**

Edoardo Neerhut
**RapiD - Open Data with the
Next Generation Editor for
OpenStreetMap**

David Siddle
**Overcoming Challenges of
Embracing Subscriptions Services
for Trimble Catalyst GNSS**

12:00 PM

Lunch - *Daniels Great Hall*

TRACKS

**Census Data
*The Malone Theater***

**Real Property
*Bresnan Boardroom***

**GPS Technology and
Data Collection
*Saeman Briefing Room***

1:00 PM

Jim Castagneri
**40 Years of Change:
Census Block Demographics**

Mike Garcia
**EmPowering
Real Estate Results**

Elizabeth Tulanowski, Amanda
Kalbow, & Hannah Liebman
**CSU Geospatial Field Methods
Course: Summer Projects
Lead to Future Research**

1:30 PM

Byron Schuldt &
Rachel Pierstorff
**Census American Community
Survey Data Reliability**

Nick Mesenbrink &
Keelan Vargas
**Managing Right of Way and
Real Property Data
at Colorado DOT**

Edoardo Neerhut
**DIY Street-level Imagery &
Map Feature Extraction
with Mapillary**