

UMGEOCON Program
Wednesday, May 23
7:30 AM-1:00 PM

	Bluffs Exhibit	Bluffs Main	3105	3110	3120	3130	3310	3314	Cowley Hall Computer Lab 204A	Cowley Hall Computer Lab 245				
7:30 AM														
8:00 AM														
8:30 AM	Exhibitor Set Time			Workshop: The U.S. National Grid				Workshop: Making a Complete WebGIS Application with GeoMoose 3 (Bring Your Laptop)		Workshop: Introduction to Python/ArcPy for Automating Geoprocessing and Map Production in ArcGIS				
9:00 AM														
9:30 AM														
10:00 AM														
10:30 AM								Workshop: Leveraging Amazon Web Services						
11:00 AM	Exhibit Hall Open	Registration and Independent Lunch	Registration and Independent Lunch		Registration and Independent Lunch	Registration and Independent Lunch	Registration and Independent Lunch			Registration and Independent Lunch	Registration and Independent Lunch			
11:30 AM														
12:00 PM														
12:30 PM														

UMGEOCON Program
Wednesday, May 23
1:00-7:00 PM

	Bluffs Exhibit	Bluffs Main	3105	3110	3120	3130	3310	3314
1:00 PM	Opening Keynote - Dr. Carl Reed, Member National Geospatial Advisory Council and Retired CTO of the Open Geospatial Consortium							
1:30 PM								
2:00 PM								
2:30 PM	Exhibit Hall Open		High Density LiDAR Acquisition for Enhancing Forest Inventory	Introduction to the U.S. National Grid	The Mystery of the Address	Lightning Overview of the Best Geospatial Open Source	Base Mapping, Big Data and Data Quality Challenges for Autonomous Vehicles	The "Lost" Wisconsin – Minnesota State Line
3:00 PM			Forest Metric Mapping in Northern Minnesota	Wisconsin Next Generation 9-1-1 (NG911) Update	Development of Mobile - Web Citizen Science Water Quality Apps	Practical Tips for ArcGIS Pro		
3:30 PM	Networking Break/Refreshments in Exhibit Hall							
4:00 PM	Exhibit Hall Open	UMGEOCON Hosts – Lightning Round	Cloud-Based Open Source Point Cloud Processing with PDAL	High Density Aerial Lidar for Transportation Applications		A Wisconsin model for statewide imagery and LiDAR	What's New With ArcGIS Enterprise?	Coordinate Systems, Projections, and Datums, Oh My!
4:30 PM			Rapid Floodplain Estimation from Dynamic Point Cloud Services		Drone Aerial Photography – Accuracy and Practical Applications			
5:00 PM	Reception/Networking in Exhibit Hall							
5:30 PM								
6:00 PM								
6:30 PM								

UMGEOCON Program
Thursday, May 24
7:30 AM-1:00 PM

	Bluffs Exhibit	Bluffs Main	3105	3110	3120	3130	3310	3314
7:30 AM	Exhibit Hall Open	Breakfast with Exhibitors						
8:00 AM	Day 2 Keynote - Jarlath O'Neil-Dunne, Chair, Board of Directors, AmericaView and Director, University of Vermont Spatial Analysis Laboratory							
8:30 AM								
9:00 AM	Exhibit Hall Open		GIS in the County Emergency Operation Center (EOC)	Enhancing Access to Historic Geospatial Data for Wisconsin's Coast	Compass: Navigating Your Geospatial Data with Open Source Software	GIS Tabular MSAG to GeoMSAG Conversion for NG9-1-1	Getting Your Data Out There – How to Get Started Creating an Open Data Site	IA, MN, & WI CORS/RTRN GNSS Networks
9:30 AM			Empowering Communities & Classrooms On the Value of Remote Sensing	Accessing Remote Sensing Data from NASA's LP DAAC				
10:00 AM	Networking Break/Refreshments in Exhibit Hall							
10:30 AM	Exhibit Hall Open		The Great Lakes Remote Sensing Collaboration Project	Unmanned Aircraft Systems - Safety and Applications	Minnesota DNR Recreation Compass	Dirty Data Done Dirt Cheap		Petascale Computing Panel
11:00 AM	Vendor Teardown		A Multi-temporal Digital Surface Elevation Model of the Great Lakes Basin	Accuracy Matters: Trimble + Esri = Reliable GIS	GeoMoose 3: React! OpenLayers! XML?	The Advance of Geospatial Data Standards in Minnesota		
11:30 AM			Landscape Change Along the Great Lakes Coastal Region	New Technology to Reduce Vegetation Remediation Costs	Have Your Raspberry Pi (RPi3) and Eat It Too	Journey Into the Iowa DOT Matrix.		
12:00 PM	UMGEOCON Lunch							
12:30 PM	Closing Speaker - Dan Ross, Incoming President, National States Geographic Information Council (NSGIC), Director, Minnesota Geospatial Information Office, and Minnesota Chief Geospatial Information Officer							
1:00 PM	Wrap-Up and Door Prize Drawings							

General Category Legend	Data Management	Emergency Mapping	Future Technology	Keynote / Featured	LIDAR	Mobile	NG-911
	Open Data	Open Source	Point Cloud	Remote Sensing	Traditional GIS	UAV/UAS	