

2026 North Dakota Geospatial Summit: Schedule of Events*

October 14-15, 2026
Bismarck Event Center



Last updated: September 22, 2026

- Breakout sessions
- All participant session
- Break

Wednesday, October 14 th			
8:00 – 4:30	Registration & Check In (Upper Lobby)		
9:00	Welcome and Opening Remarks (Prairie Rose 104/105)		
9:05 – 10:00	Keynote: “Seeing Beyond the Dirt: What Lies Ahead for the FM Diversion” – Justin Fisher (Prairie Rose 104/105)		
10:00 – 10:30	Break with Exhibitors (Upper Lobby)		
10:30 – 11:30	Concurrent Sessions (A)		
	Prairie Rose 102	Prairie Rose 103	Prairie Rose 104
	A1. Technology	A2. Coordination	A3. Mapping & Data
	BEYOND AUTOMATION: BUILDING NEW GEOSPATIAL CAPABILITIES WITH GEOAI	NORTH DAKOTA GEOSPATIAL SERVICES UPDATE	FIELD MAPS CULVERT COLLECTION
11:30 – 1:00	Lunch (Upper Lobby & Prairie Rose 101)		
1:00 – 2:00	Concurrent Sessions (B)		
	Prairie Rose 102	Prairie Rose 103	Prairie Rose 104
	B1. Land Use	B2. Coordination	B3. Mapping & Data
	AN HONEST LOOK AT UAS FOR WEED CONTROL IN AGRICULTURE	THE NORTH DAKOTA PARCEL PROGRAM	REELS, ROUTES, AND RESULTS: A GIS APPROACH TO INVENTORY MANAGEMENT
	INTEGRATING SURFACE WATER DYNAMICS, ACTIVE FIRE MONITORING, AND RANGELAND CHANGE DETECTION TO ASSESS CLIMATE-DRIVEN ECOSYSTEM SHIFTS IN NORTH DAKOTA USING MACHINE LEARNING	THE NATIONAL MAP: NEW LOOK AND NEW DATA	IMAGERY AS INFRASTRUCTURE: ACTIVATING THE INSIGHTS LAYER IN LOCAL AND STATE GOVERNMENT
2:00 – 2:30	Premier Sponsor Presentations (Prairie Rose 104/105)		
2:30 – 3:00	Break with Exhibitors (Upper Lobby)		
3:00 – 4:30	Concurrent Sessions (C)		
	Prairie Rose 102	Prairie Rose 103	Prairie Rose 104
	C1. Analysis & Reporting	C2. Coordination	C3. Mapping & Data

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	INTEGRATED GEOSPATIAL FRAMEWORK FOR MODELING FIRST-RESPONDER COVERAGE IN SOUTH DAKOTA (60min)	CONNECTING OPERATIONS, COLLABORATION, AND COMMUNITY OUTCOMES (60min)	MAP THE MESSAGE: TELLING YOUR STORY THROUGH GIS (60min)
	POPULATION CHANGE PATTERNS IN THE UNITED STATES, 2000-2020	MCKENZIE COUNTY AUDITOR PARTNERS WITH GIS STAFF TO DEVELOP ELECTION SUPPORT RESOURCES	MORE THAN A PRETTY PICTURE: EFFECTIVE CARTOGRAPHIC DESIGN FOR SCIENTIFIC COMMUNICATION
4:30 – 5:30	Ice Cream Social & Networking (Upper Lobby)		
5:30	Dinner (On Your Own)		
Thursday, October 15			
8:00 – 10:00	Registration & Check In (Upper Lobby)		
8:25	Opening Remarks (Prairie Rose 104/105)		
8:30 - 9:30	Keynote: “Journey of a GIS Manager” – Eric Abrams (Prairie Rose 104/105)		
9:30 – 10:00	Last Break with Exhibitors (Upper Lobby)		
10:00 – 11:30	Concurrent Sessions (D)		
	Prairie Rose 102	Prairie Rose 103	Prairie Rose 104
	D1. Technology	D2. Current Events Impacts	D3. Environment
	BEYOND THE STATIC MAP: AUGMENTING MULTIDISCIPLINARY RESEARCH WITH ARCGIS ONLINE	NAVIGATING ACCESSIBILITY REQUIREMENTS IN A GIS WEB APP: ND ROADS CASE STUDY	GIS FOR NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE
	USING GIS TO DETERMINE STREAM POWER INDEX OF EROSION POTENTIAL: FOREST RIVER WATERSHED, NORTH DAKOTA	A MAP TO ACCESSIBLE MAPPING (60min)	THE DIGITAL JOURNEY OF LAND ACQUISITION FOR THE FM AREA DIVERSION PROJECT
	USING HARMONIZED LANDSAT AND SENTINELI2 IMAGERY TO MONITOR HARMFUL ALGAL BLOOMS IN NORTH DAKOTA LAKES		FROM IMAGERY TO ACTION: EXPANDING NORTH DAKOTA’S LAND MANAGEMENT CAPACITY WITH REMOTE MONITORING TOOLS
11:30 – 12:00	Summit Wrap-Up (Prairie Rose 105)		

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