

2023 MAGIC States GIS Clearinghouse Summit

<https://www.magicgis.org/STATE-CLEARINGHOUSES>

Sept 12 & 13, 2023

Deadwood, SD

LOGISTICS

Hotel & Meeting Location	Travelodge Inn & Suites 270 Historic Main St Deadwood, SD 57732 605-717-7181 Group reservations: MAGIC Summit
Virtual Meeting Info	Emailed to remote attendees

MONDAY, SEPTEMBER 11

Optional evening activities:

- DINNER (6:00 pm) meet in hotel lobby and walk to Cadillac Jack's FLYT Steakhouse

TUESDAY, SEPTEMBER 12

Welcome and Logistics - Mark F, South Dakota (8:30 am – 8:45 am)

State Clearinghouse Lightning Talks - Part 1 (8:45am – 10:00 am)

- South Dakota
- Nebraska
- Missouri
- Illinois
- Indiana

Break (10:00 am – 10:15 am)

Data storage solutions for LiDAR/Imagery – Cloud, on prem, and collaborative storage agreements (10:15 am – 11:45 am)

- architecture/configuration
- Cost
- Current storage vs future storage
- Lessons learned
- Collaborative storage agreements
- File formats – zlas, COG, etc

LUNCH (11:45 am – 1:00 pm)

- *Travel Lodge/First Gold's Horseshoe Restaurant*
- *Cadillac Jack's Earl of Sandwich and Marco's Pizza (.3 miles)*
- *Lizze Burgers (.8 miles)*
- *Mustang Sally's on Main St. (1 mile)*

Data Governance (1:00 pm – 2:30 pm)

- Location, location, location
 - who defines where a location is?
 - multiple versions of same data adjusted for agency needs
- Data Workgroups and Committees
 - Administrative Boundaries
 - County, state, PLSS, Incorporated Area
 - State US Census agreements and workflow
- Formal Data Governance Plans & Policies

NG911 (2:30 pm – 3:15 pm)

- School Safety/Crisis Response – school PDFs
- Current status
- Emerging trends, standards, and the future

Break for day (3:15 pm)

Field Trip:

- Depart for Sanford Research Facility (3:30 pm)
- Tour of Sanford Research Facility (4:00 pm)

Evening activities:

- *Happy Hour – Shiver's Brewery*
- *DINNER options*
 - *Cadillac Jack's Guadalajara's Mexican (.3 miles)*
 - *Tin Lizze's Irish Bar and Grill (.7 miles)*
 - *Deadwood Distillery (1 mile)*
 - *Oggie's Sports Bar and Emporium at The Lodge (1.3 miles)*

WEDNESDAY, SEPTEMBER 13

State Clearinghouse Lightning Talks - Part 2 (8:30 am – 10:00 am)

- Oklahoma
- Arkansas
- Kansas
- Iowa
- Arizona
- North Dakota

Break (10:00 am – 10:15 am)

USGS Update – Elaine Guidero (10:15 am – 11:00am)

Current & Future Clearinghouse Roles (11:00 am – 11:45 am)

- Clearinghouse Promotion
 - Web sites/Hubs
 - Social media
 - Events
- Strategic Planning
 - Budgets
 - Steering Committees
 - National Involvement
- FAIR Principles
 - <https://www.go-fair.org/fair-principles/>
 - The FAIR principles emphasize machine-actionability (i.e., the capacity of computational systems to find, access, interoperate, and reuse data with none or minimal human intervention)

LUNCH (11:45 am – 1:00 pm)

- *Travel Lodge/First Gold's Horseshoe Restaurant*
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Current & Future Clearinghouse Roles continued (1:00 pm – 3:00 pm)

- Administration and Data Distribution
- Processing data and delivery of products
 - AGO<>Hub sharing, QA, data processing, publishing services
 - Promoting use of geospatial data by data scientists
- Techy stuff
 - Clearinghouse administration using APIs or other tools

- Power BI integration
- Jupyter notebook
- New trends in metadata – Esri minimum, FGDC, ISO

Break (3:00 pm – 3:15 pm)

State Plane Coordinate System of 2022/National Geodetic Survey (3:15 pm – 4:00 pm)

- State Legislation Status Map
 - <https://geodesy.noaa.gov/SPCS/images/spcs83-legislation-feet.png>

Wrap up (4:00 pm – 4:45 pm)

- Follow up Topics and Action Plans
- 2024 MAGIC Clearinghouse Summit
- 2024 MAGIC Conference - April 15-18, 2024, in Omaha, NE

Evening activities:

- *DINNER (6:00 pm) meet in hotel lobby*
 - *Cadillac Jack's Guadalajara's Mexican (.3 miles)*
 - *Tin Lizze's Irish Bar and Grill (.7 miles)*
 - *Deadwood Distillery (1 mile)*
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