Remote Sensing and Forestry institute for K-12 Teachers. NDView co-hosted this two-day institute in June 2022 with the ND Geographic Alliance and the ND Forest Service. This institute was part of the GeoFIT summer teacher education program. NDView provided funding to cover the one credit tuition for participants via the University of North Dakota, North Dakota State University, or Minot State University.

- Advance education and training, technology transfer, and outreach were provided to teachers in remote sensing and forestry. Teachers were given hands-on learning experience in the classroom using internet-based tools for the analysis of Landsat and Sentinel satellite imagery. Analysis of local and global forested areas was conducted. Participants initiated lesson plans to transfer these skills to K-12 students.
- Classroom exercises were followed up with field-based exercises in spatial resolution of satellite imagery, tree measurements and plant identification. Training took place on the campus of Minot State University, Denbigh Experimental Forest (US Forest Service) and the Towner State Nursery (ND Forest Service and North Dakota State University).
**Benefits to North Dakota**

- NDView provided scholarships for undergraduate and graduate students at the University of North Dakota for research and training in remote sensing related areas. Students conducted research in wildlife-vehicle collisions, water quality and harmful algal blooms.

- NDView hired two student interns for summer 2022 to work on data analysis on brine spills and to put together a story map on the spills associated with oil production in the state.

- NDView conducted training for ND K-12 teachers in remote sensing and other geospatial technologies and covered their tuition costs.

- NDView provided access to specialty software for training and analysis on remote sensing data from satellites, aircraft, UAS and ground-based sensors, for students and faculty at University of North Dakota.

- NDView funded student transportation to the ND Geospatial Summit, and purchased new computer equipment for student research and outreach.

**North DakotaView Consortium Membership**

Amalie Joergensen, NDView scholarship winner, is researching wildlife-vehicle collisions.

James Guy Gierisch (left) and Jacob Moll, NDView scholarship winners are researching water quality.

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