New Mexico Water Data
https://newmexicowaterdata.org

New Mexico Water Data Workshop Summary

Water data users were brought together to explore New Mexico's water data on October 24, 2019 in Socorro, NM. From this workshop, attendees learned the goals of the NM Water Data Act, experienced the search for water data, and provided feedback on data and tools that are needed for the future.

1ST Data Users Work Group Meeting

11 Data Challenges

80 People

2 Hours to complete challenges

8 Key Word Takeaways

Data Challenge Topics

- Water Budget
- Water Quality
- Water Planning for Growing Demand
- Rural Water Systems
- Agriculture Water Use
- Economic Development
- Watershed Management
- Produced Water Management
- Tribal/Pueblo Water Issues
- Riparian Restoration & Water Conservation
- Safe Drinking Water/Public Health

Accessibility
Usable
Informative
Organized
Diverse
Visual
Analytical
Funded

New Mexico Water Data

8 Key Takeaways

New Mexicans recommend using these themes as the guiding principles for finding and using water data.

Make New Mexico's data...

ACCESSIBLE

A roadmap to access data is needed:

- All the data should be findable from one place
- For improved efficiency, people need to be able to access data holistically versus piece by piece

USABLE

Data need to be use in multiple formats and for various purposes

- Data with clearly defined metadata are more interoperable
- Data need to be available In usable formats that are easy to download

INFORMATIVE

Knowing how to use the data is as important as the data

- Information generated from the data makes them relevant and usable to people
- Provide interpretive information

ORGANIZED

A robust but simple to use data catalog is needed

- Should allow connection between the source of information, layers, and data
- Include a simple search tool for key words in the catalog and metadata

DIVERSE

A wide range of data types need to be included

- Data are used for multiple purposes
- Water quality, quantity, and use are the broad categories of data; specific data types will be incorporated

VISUAL

Tools should be geospatial (map based)

- Tools need to provide access to multiple resources from one geographic point of reference
- Providing instructions for using the tools, perhaps in the form of a short demonstration video.

ANALYTICAL

Tools are needed to evaluate data trends and analyze

- Tools to perform quality assurance/quality control, observe changes over time, analyze trends and other analytical resources Including 3D and 4D models
- Some tools will need to be regional

FUNDED

Investment is needed to support improving water data stewardship in New Mexico

- Improve access to important legacy datasets
- Fill data and staffing gaps in data collection, maintenance, management, and IT support