LEFT: NM EPSCoR Server at EDAC at UNM

RIGHT: CI lead Karl Benedict leads a training class

CYBERINFRASTRUCTURE

In Year 4, the Cyberinfrastructure (CI) team worked with all research teams to integrate research data and associated metadata into the publicly-accessible NM EPSCoR data portal. Over 600 new datasets were added in Year 4 alone, and the data now live in the portal represent all research areas. CI graduate students created 12 help videos that are linked on every data entry page so that researchers can easily find answers to questions about uploading their data. These graduate students also created a Metadata Field Guide to help researchers obtain critical metadata while out in the field. The Guides are equipped with waterproof pages and contain valuable information to help researchers and students identify the metadata they need to collect.

NM EPSCoR is now hosting and providing ongoing support for the New Mexico Bureau of Geology & Mineral Resources' geothermal database, online mapping application, and data-access interface. Geothermal datasets provided by *Energize New Mexico* researchers are being integrated into the system as they are provided. The system provides access to published data for direct access and use for statistical analysis, modeling applications, web mapping systems, and desktop and web-based data visualization tools.