

Advances in mineral data resources and infrastructure

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Minerals are key components in understanding the complex geologic history of Earth and other planetary bodies. Geologists have, therefore, been collecting mineral samples and compiling data about these samples for centuries. These data have been used to improve our understanding of geologic processes, mineralizing environments (paragenesis), planetary evolution, and changes in Earth's mineralogy through deep time.

This session welcomes presentations highlighting all aspects of advances made in developing, improving or maintaining mineral data resources. This may include, collecting, compiling and integrating data from various resources, building an infrastructure to access and use mineral data, or curating and maintaining mineral databases for various applications.