

ABOUT US

Unidata's vision calls for providing comprehensive, well-integrated, and end-to-end data services to meet the needs of the geosciences community.

To achieve that vision and as an enabler of the broader community, the Unidata Program Center:

- Acquires and distributes real-time meteorological data
- Develops software for the effective use of geoscience data
- Provides comprehensive support
- Facilitates advancement of standards and conventions
- Fosters engagement of and interaction within its community
- Provides equipment awards to universities

Unidata leads and advocates for its community on issues related to its mission. The program emphasizes a community-driven process for assessing user needs in planning its activities, and facilitating its governance.

Providing data services, tools, & cyberinfrastructure leadership that advance Earth-system science, enhance educational opportunities, & broaden participation

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unidata

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Community
Research
Education
Leadership



unidata



DATA

TOOLS

SUPPORT

Providing a broad array of weather and climate data reliably, efficiently, and in a flexible manner for use in many geoscientific applications is central to Unidata's mission. Unidata is a data facilitator and not a data archive center. Most of the data are provided in or near real-time, using established Internet technologies and emerging approaches.

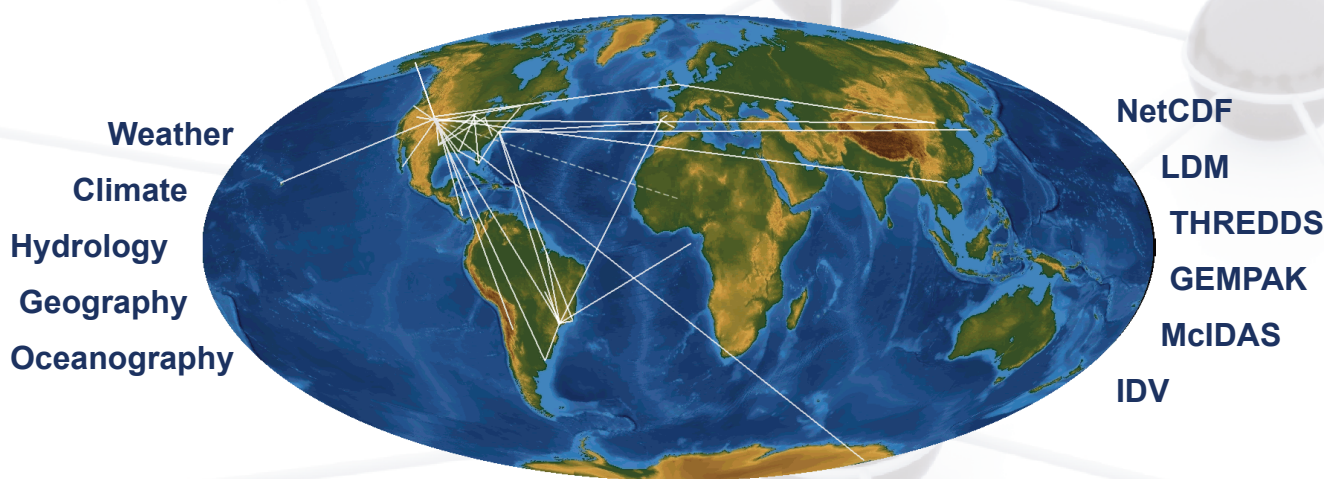
Developing tools to facilitate the access, management, visualization, integration, analysis, and exploration of geoscience data is pivotal to Unidata's service to its community. Unidata emphasizes object-oriented, platform-independent, and open-source approaches to software development, and use of community driven standards.

Providing outstanding support to the community is a core Unidata value. The UPC embraces the challenge of maintaining the highest possible level of service in the face of significant increases in the volume and diversity of data options, tools, and users.

We support our community through:

- Comprehensive documentation of data streams and tools
- Direct support by email as well as via focused email lists and online forums
- Training workshops
- Regional, national, and international user workshops

In addition to the UPC staff, users in the community also play a vital role in our support effort. To facilitate that role, we organize discussion groups that allow community members to support each other through specific forums.



Earth system science is inherently multidisciplinary in nature. Unidata strives to provide seamless, integrated access to diverse sources and formats of high-quality data, including GIS information, to advance scientific understanding and discovery.

Software packages and tools provided by Unidata are available at no cost.

