

PROJECT SUMMARY

ACADIS Vision

ACADIS provides sustainable data management, data stewardship services and leadership for the NSF Arctic research community through open data sharing, adherence to best practices and standards, capitalizing on appropriate evolving technologies, community support and community engagement. ACADIS leverages other pertinent projects, capitalizing on appropriate emerging technologies and participating in emerging cyberinfrastructure initiatives.

The Advanced Arctic Data and Information Service (ACADIS) project is funded by the National Science Foundation, Division of Polar Programs, Polar Cyberinfrastructure. The project is a collaborative effort between UCAR/NCAR and the National Snow and Ice Data Center (NSIDC) and started seven years ago to support the Arctic Observing Network. ACADIS now supports all NSF/PLR/ARC scientists. The Principal Investigators for ACADIS are Jim Moore (EOL- Lead) and Mark Serreze (NSIDC - Science Advisor).

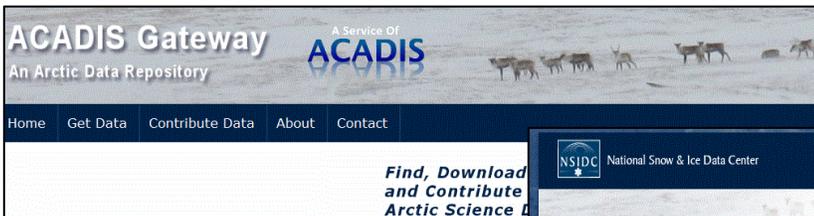
The primary objective of the ACADIS project continues to be to provide data management support to all NSF/OPP/ARC investigators that will generate data as part of their grants. This includes user support to help the investigators meet their data management requirements and to provide a safe, secure, robust, and long-term archive for the rich dataset coming from their work in the Arctic and surrounds.

Key aspects of the project includes the following

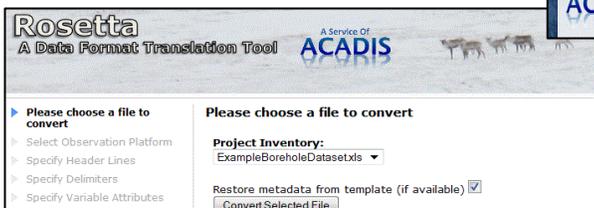
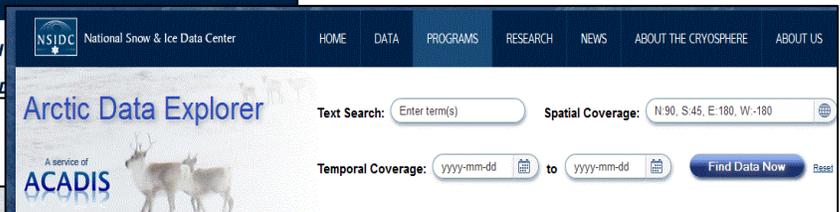
- We have supported NSF/PLR Arctic Data management for several decades.
- We provide data management support services to PLR/ARC investigators
- We provide stewardship for 3000+ datasets from about 200 scientists and research teams representing organized field studies and individual investigators from the United States and some other Arctic nations
- The ACADIS Team is made up of about two dozen members from NCAR/EOL, NCAR/CISL, UCAR/Unidata and NSIDC

Our online presence includes three key websites known as the ACADIS Gateway, the Arctic Data Explorer (ADE), and Rosetta, a data translation tool.

ACADIS Gateway, aoncadis.org, main metadata and data upload access site



Arctic Data Explorer (ADE), <http://nsidc.org/acadis/search/>, metadata archive access



Rosetta, <https://rosetta.unidata.ucar.edu/createAcadis>, a data translation tool