

CIRES/NSIDC Research Associate

The National Snow and Ice Data Center (NSIDC), <http://nsidc.org>, at the Cooperative Institute for Research in Environmental Sciences (CIRES), <http://cires.colorado.edu/>, in Boulder, Colorado, serves as a national information and referral center in support of snow and ice research. Our mission is to make fundamental contributions to cryospheric science and excel in managing data and disseminating information in order to advance understanding of the Earth system.

Job Overview

ELOKA (Exchange for Local Observations and Knowledge of the Arctic) provides data management and user support services to facilitate the collection, preservation, exchange, and use of local observations and knowledge of the Arctic.

The Research Associate will be part of a team that is working with Arctic communities, researchers, local and indigenous organizations, and data managers to design and implement a data management service that keeps control of data in the hands of community data providers, while still allowing for broad searches and sharing of information.

Duties

The RA will play a strong role in ELOKA leadership and be involved in all aspects of the project including:

- Develop NSIDC's capacity to support community-based data and to link LTK (local and traditional knowledge) and scientific information
- Travel to Arctic communities and national and international meetings to develop ELOKA partnerships
- Work with NSIDC's staff to develop and implement data systems and interfaces for LTK
- Develop/refine data archival processes and management for LTK
- Develop knowledge representation methods in support of LTK
- Engage in collaborative, creative, iterative work with data providers and users to accomplish the ELOKA mission
- Other activities, as required for the completion of the project

In addition to work on ELOKA, the successful applicant will have opportunities to engage with other diverse projects at NSIDC. They will be supported and have opportunities to strengthen their skills in proposal writing, publishing, managing students and staff, and will have access to periodic teaching and speaking experiences at the University of Colorado.

May be required to perform field work in remote locations and/or work flexible hours in support of field activities.

Will have regular attendance; the ability to work under stress and multiple projects; the ability to work well with others and accept direction, supervision and performance feedback; and to perform all related tasks as required.

Required Qualifications

- A completed Ph.D. in science or social science
- Experience working with local and traditional knowledge and/or indigenous communities.
- An understanding of data management, data presentation, and geospatial techniques
- An understanding of the Arctic (cultures, languages, geography, politics, etc.)
- Ability to travel to conferences and to visit and collaborate with Arctic communities.
- Oral and written communications skills
- Problem solving ability
- Ability to manage multiple tasks simultaneously

Highly Desirable Skills

- Experience and training in a multidisciplinary setting
- Technical skills in computer programming or web design
- Project management and leadership skills
- Experience in collaborative projects and/or interdisciplinary activities.
- Familiarity with data format conversion, data visualization, and data plotting

The position will be filled as a Research Associate at the University of Colorado at Boulder and will be eligible for employee benefits, including 22 days of vacation per year and an excellent savings plan. The job will remain open until filled. To apply, email jobs@cires.colorado.edu, citing the job code **NSIDC-20** with a letter of interest, full resume, salary history, and names and contact information of three references. Or mail to:

CIRES Human Resources

Job Code NSIDC-20

216 UCB

Boulder, CO 80309-0216

The University of Colorado at Boulder is committed to diversity and equality in education and employment and conducts background checks for all final applicants being considered for employment.