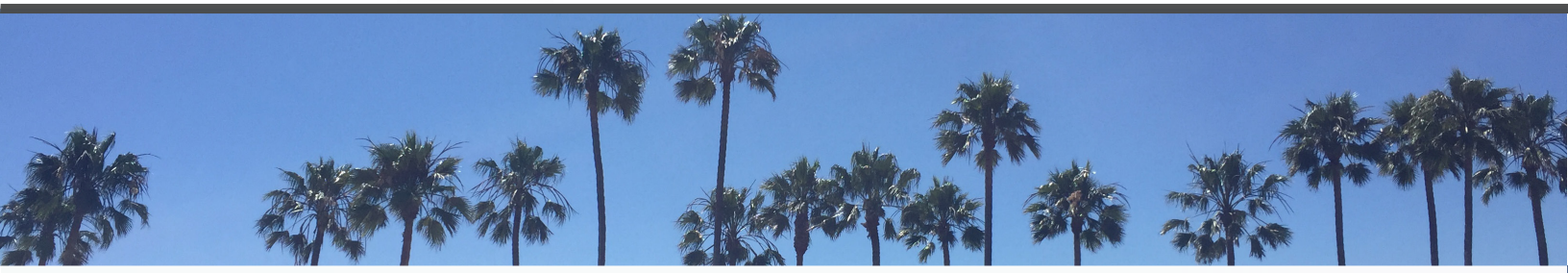


NCEAS DATA SCIENCE FELLOWSHIP

Join us at NCEAS to do state-of-the-art data science in beautiful Santa Barbara, California

NCEAS is seeking applications for the 2018 Data Science Fellows program. Our next six-month session will begin in early July. Data Science Fellows will be in residence at NCEAS and will work closely with data and informatics teams to solve data, analysis, and software issues relating to environmental science. Fellows will document and archive important ecological, physical, and social science data from research projects focused on environmental issues in Alaska and the Arctic. This practicum-style program gives fellows the opportunity to gain practical knowledge and skills needed to manage national-scale data repositories. Fellowships are paid.

ABOUT NCEAS

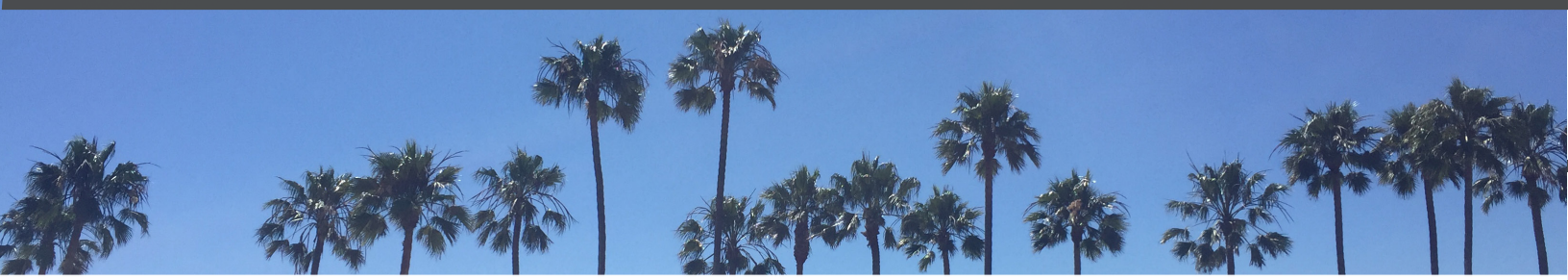
Established in 1995, the National Center for Ecological Analysis and Synthesis (NCEAS) is a research center of the University of California, Santa Barbara and was the first national synthesis center of its kind. NCEAS has helped create a large community of scientists from multiple disciplines, eager to collaborate to answer some of the toughest environmental questions facing society.

DATA FELLOWS WILL GAIN

- Programming skills, including skills in new data management tools and languages
- Exposure to the day-to-day activities of managing national-scale data repositories
- Collaboration opportunities with scientists from institutions contributing to the NSF Arctic Data Center, the State of Alaska's Salmon and People data catalog, and NCEAS data scientists who build and manage data catalogs, including the DataONE global data federation
- Data science research and development experience with the NCEAS informatics team
- A deep understanding of data management and software for data systems
- Experience working with a team passionate about environmental data science

We encourage the development of new projects and collaborations within this fellowship – potentially with the opportunity to be a contributor on a peer reviewed paper or to develop new web or software tools.

TO LEARN MORE ABOUT NCEAS AND ITS CURRENT PROJECTS, VISIT WWW.NCEAS.UCSB.EDU



FELLOWSHIP ACTIVITIES

Collaborative data management | Data quality assurance and control
Structured metadata creation | Data transformation and integration
Scientific programming | Instructional resource development

Training will be customized to the needs of each fellow. We encourage applicants from any discipline to apply. This fellowship is likely of particular interest to those involved in earth and environmental sciences, library and information sciences, research data management, statistics, or computer science.

REQUIRED QUALIFICATIONS

Experience in data management and/or analysis | Familiarity with metadata | Experience with a scientific computing language

DESIRED QUALIFICATIONS

Doctoral or master's degree | Interest in ecological or environmental science | Experience building structured metadata | Proficiency in a scientific computing language (R, MATLAB, Python) | Experience or comfort with training others

TO APPLY

To apply for the session beginning in July, please attach the following in an email to jgoldstein@nceas.ucsb.edu by February 1, 2018 for full consideration, and by March 1, 2018 at the latest:

- A one to two page statement explaining your interest in being a fellow, your experience and qualifications, and your specific topics of interest in data science
- A resume or CV outlining your experience
- Name, email, and phone contact information for two non-peer references

The University of California is an Equal Opportunity/Affirmative Action Employer. The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service.

QUESTIONS? PLEASE FEEL FREE TO EMAIL YOUR QUESTIONS TO JGOLDSTEIN@NCEAS.UCSB.EDU