Data Intern: Managing Soil Carbon

The National Center for Ecological Analysis and Synthesis (NCEAS) seeks candidates for a Graduate and/or Undergraduate Data Intern position as part of a Science for Nature and People Partnership (SNAPP) working group project aimed at developing quantitative targets to manage soil organic matter for environmental and human outcomes. The Data Intern will be part of a team synthesizing data on the impacts of rangeland management on environmental conservation outcome, with a particular focus on how rangeland management influences soil properties.

The primary responsibility of the position is to collect data that will be used as part of a new modeling effort designed by the working group to assess the evidence in support of conservation projects. Specifically, the Data Intern will be responsible for conducting searches of the academic literature, identifying suitable papers for the topic, and identifying and recording relevant data needed for the final analysis.

The position lasts for the remainder of Fall quarter, with potential to continue into Winter and Spring quarter. A minimum commitment of 10 hours per week is required. Compensation is $15 per hour. The Data Intern will be based at NCEAS (off-campus in downtown Santa Barbara), but s/he will work closest with project PI Stephen Wood at The Nature Conservancy (TNC) & Yale School of Forestry and Environmental Studies, Kelly Gravuer at TNC & Arizona State Univ, and Chelsea Carey at Point Blue Science.

This SNAPP working group is comprised of global leaders in soil science, rangeland management, agriculture, and economics from academia, government, and NGOs, offering a unique opportunity to learn from and collaborate with a diverse set of thought leaders. More information on the working group can be found here: http://snappartnership.net/groups/managing-soil-carbon/.

To apply, submit a cover letter and CV to stephen.wood@tnc.org by October 30, 2017.

QUALIFICATIONS:

Minimum

- Experience and interest in the environmental sciences
- Experience working with Excel
- Experience conducting literature searches, including familiarity with search databases such as Web of Science
- Outstanding organizational skills
- Ability to take initiative and work independently

Preferred

- Some topical expertise in rangelands and/or soil
- Interest in applied issues related to soil in agriculture, rangelands, and conservation