

**PH.D. GRADUATE RESEARCH OPPORTUNITY**  
**K-12 Climate Change Education using NASA Data Sets**

The Natural Resource Ecology Laboratory at Colorado State University seeks a highly-motivated Ph.D. student to join an interdisciplinary team of scientists and educators on a project to strengthen K-12 teaching and learning about global climate change using NASA Earth system data. We are collaborating with the Poudre and Greeley-Evans School Districts in Northern Colorado to prepare teaching modules that introduce students to climate change issues at local to regional scales and provide them with the information they need to explore the ideas on their own. We will be applying place-based and learning progression education philosophies to address global change issues and employing them with the use of geospatial data in classroom settings.

A Graduate Research Assistantship is available for a Ph.D. student to serve as the primary liaison between teachers and researchers, and to provide technical expertise. The student will conduct an independent research project within the context of the broader project goals.

We seek a well-qualified and self-motivated student with interests in global change education and interdisciplinary research. An M.S. degree or substantial experience in geography, landscape ecology, geophysics, or some aspect of remote sensing is preferred. To apply, send the following information by email to Kim Melville-Smith: 1) a cover letter outlining your research and educational interests and experience, 2) a detailed CV, and 3) contact information for at least 2 academic referees. Members of under-represented groups are encouraged to apply. Graduate student stipend and resident tuition fees are available for 3 year, subject to satisfactory progress in both coursework and research.

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Project web site, including participants (in progress):  
<http://www.nrel.colostate.edu/projects/gcce/>