

**Postdoctoral Fellow – Soil Organic Matter Modelling
Natural Resource Ecology Laboratory
Colorado State University**

The Natural Resource Ecology Laboratory at Colorado State University seeks candidates for a postdoctoral fellow position for developing a new generation soil C model that includes the current consolidated view of soil organic matter (SOM) structure and protection mechanisms and is able to represent SOM dynamics with measurable functional pools. The fellow will be mentored by Francesca Cotrufo and Keith Paustian. This position is part of a larger project led by Matthew Wallenstein with the goal to improve our mechanistic understanding and modelling of SOM formation and decomposition, to better forecast climate-carbon feedbacks in the Arctic.

Required Qualifications: The postdoctoral fellow must have earned their Ph.D. by December 2016. Candidates must demonstrate experience and expertise in soil organic matter dynamics and modelling, and a broad perspective of ecosystem processes.

Desired Qualifications:

Candidates should exhibit a strong ability to collaborate with an interdisciplinary team. Prior experience with modelling is highly desired. Strong organizational and communication skills (both oral and written), and a high level of productivity should be demonstrated.

Salary Range: \$40,000 to 48,000 commensurate with experience. The initial appointment will be for a one-year period, and may be renewed for another year, contingent on satisfactory progress and sufficient funding.

A full description of benefits is available at <http://www.hrs.colostate.edu/benefits/>. To apply, submit cover letter, resume, and names and contact information for three references to: <http://warnercnr.colostate.edu/employment-opportunities.html>. References will not be contacted without prior approval. For full consideration, apply by 5:00 p.m. on Wednesday, October 9, 2016.

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