



**ECOSYSTEM SCIENCE
AND SUSTAINABILITY**
COLORADO STATE UNIVERSITY



**GRADUATE DEGREE
PROGRAM IN ECOLOGY**
COLORADO STATE UNIVERSITY

PhD Student, Urban Ecology and Sustainability

Employer: Department of Ecosystem Science and Sustainability, Colorado State University

Location: Fort Collins, Colorado (USA)

Last Date to Apply: Nov 1, 2017

Start Date: January 2018

Job Description:

We are recruiting a motivated graduate student with a passion for studying urban ecosystems. A successful candidate will be interested in linking various social and ecological datasets to advance an interdisciplinary understanding of the urbanization process. The student's first priority will be to explore the relationships between land cover and socio-demographics in Fort Collins, CO. We aspire to highlight research questions that address sustainability needs in Fort Collins, therefore, we are looking for a student that has enthusiasm for engaging a diverse group of stakeholders. Opportunities also exist to study drivers of land cover at a national scale.

Priority will be given to applicants that have experience with remote sensing (including LiDAR and high spatial resolution image data), GIS, and spatial statistics. Although not required, preference will be given to candidates that have earned a Master's of Science (social or natural sciences) and/or have a first-authored publication. Applicants from a minority background (e.g. ethnic, racial, gender, LGBTQ+, first generation) are encouraged to apply.

The application process requires submission of the formal CSU Graduate School application online: transcripts, GRE scores, three letters of reference, a personal essay, and, for non-native speakers of English, TOEFL or IELTS scores. If admitted to the program, financial support (TA and/or RA) will be provided for 3-4 years.

Interested students should contact Drs. Melissa McHale (Melissa.mchale@colostate.edu) and Mike Falkowski (M.Falkowski@colostate.edu) before formally applying to the Graduate School. In your email, please include a CV, unofficial transcripts, and a brief paragraph explaining why you are interested in a PhD in Ecology, and motivated to study urban ecosystems.

For more information on the Graduate Degree Program in Ecology see:

<http://www.ecology.colostate.edu/>

<http://graduateschool.colostate.edu/Programs/ecology/>

<http://graduateschool.colostate.edu/for-prospective-students/>