

Ph.D. Position: Drivers of ecosystem services in residential landscapes

Overview: The Residential Landscape Ecology (RLE) Lab (<https://rle-iannone.weebly.com/>) of Dr. Basil Iannone in the School of Forest Resources and Conservation at the University of Florida is looking for a creative and motivated Ph.D. student interested in the effects of spatial patterns of biodiversity on ecological functioning and services in urban and residential landscapes. The RLE (Lab) quantifies spatial ecological patterns and their drivers in and around residential landscapes with the aim of informing the design, construction, and management of urban and residential landscapes to mitigate their environmental impacts and to enhance their ecological functionality. The interests of the lab are diverse and include community and ecosystem ecology, geospatial analysis, invasion biology, reconciliation ecology, and soil and water science. The student would also be a member of the Sustainable Human and Ecological Development Group (<https://programs.ifas.ufl.edu/shed/>).

Duties: The student will work with members of the UF Master Gardeners Volunteer Program to develop a sampling network throughout Florida and use data collected from this network to identify drivers of ecosystem services across varying spatial scales and socioeconomic conditions. This position starts January 2019 (possibly sooner) and includes competitive stipend, tuition waiver, and benefits.

Qualifications: A master's degree in ecology or related field, interests in applied, interdisciplinary research, and good writing skills. Experience working with citizen scientists and knowledge of GIS and statistics is beneficial.

To apply: Email: (1) Cover Letter stating your research/career goals, how you would benefit from this opportunity, and how you meet the required qualifications; (2) C.V.; (3) unofficial transcripts; (4) GRE scores (include percentile); (5) contact information for three professional references; and (6) a writing sample (i.e., publication, manuscript, or thesis) on which you are the lead author to biannone@ufl.edu. Place "Ecosystem Services" in the email subject line. Applicant review will begin immediately. Official transcripts and GRE scores, and letters of recommendation will be required for admittance.

Students can apply through the School of Forest Resources and Conservation or through the School of Natural Resources and Environment. See <http://sfrc.ufl.edu/academics/graduate> and <http://snre.ifas.ufl.edu/academics/graduate> for information regarding the SFRC and SNRE graduate programs, application procedures, and deadlines.