

Dr. (faculty name)
Faculty address

Date: 01/27/2019

ESGP Director Name
3138 Smith Lab
174 W. 18th Avenue
Columbus, OH 43210

Dear Dr. Basta:

Having recently joined the faculty of Food, Agricultural and Biological Engineering as an Assistant Professor, and following several prior visits to Ohio State University in the past years (including one visit to give a seminar to the ESGP group), I have become aware of the broad research and teaching activities being conducted in the environmental domain at OSU. In fact, this was one of the factors that influenced my decision to accept the offer to continue my academic career at OSU. In order to facilitate connections, and the development of future collaborations, with the diverse array of researchers and students at OSU that share like interests with myself, I would like to join the faculty of the Environmental Science Graduate Program. As a member of the Graduate Program I hope to develop and participate in interdisciplinary research projects, and mentor students within those studies.

My research spans the areas of biophysical vegetation modeling and simulation, and the use of remote and proximal sensors to characterize land surface states and vegetation functional traits. My work is interdisciplinary by nature, and benefits from collaboration with colleagues with a broad range of backgrounds in the environmental sciences and engineering. Recent examples of collaborative activities have included: (a) working with engineers developing autonomous observing platforms to facilitate observing diurnal variability in mass and energy exchange between vegetation and the atmosphere; and (b) working with plant sciences colleagues to take advantage of modern sensing capabilities to expedite the breeding process and develop more productive agricultural systems to meet future food requirements.

In my area of research, developing transformative solutions to the problems that we currently face, and that future generations will face, necessitates interdisciplinary collaboration. By joining the faculty of the Environmental Science Graduate Program, I hope to contribute to the development of those solutions through interdisciplinary collaboration, and training the next generation of scientists and engineers.

Sincerely,