

Graduate Student (M.Sc.) Assistantship

Characterization and Inventory of Organic Waste Feedstocks in Atlantic Canada

Supervision: Dr. Gordon W. Price, Innovative Waste Management Research Chair, Department of Engineering

Location: Nova Scotia Agricultural College

Project: The goal of this project is to develop a Geographical Information Systems database of the organic by-products, from all sources, produced in Nova Scotia (and Atlantic Canada). An economic life cycle analysis will be conducted to link organic waste feedstocks to target technologies or management regimes within the agricultural sector. An objective of this research will be to help quantify volumes and map concentrations of organic by-product feedstocks generated in Atlantic Canada using a Geographical Information Systems (GIS) database. The successful candidate will become a member of the Innovative Waste Management Research Team at NSAC. This research program will also provide the successful candidate with an opportunity to develop technical and analytical skills working with state-of-the-art equipment. This research program is a joint collaboration between NSAC and industry and government partners.

Qualifications: Applicants should possess a B.Sc. degree in Geography, Environmental Sciences, Biology, Agriculture, or related fields, and have a minimum GPA of 3.0 in the last two years of study. A strong background and experience with GIS and Remote Sensing is required. Interest in and knowledge about organic wastes, soil science, rural, and/or urban geography would be an asset. Strong written and oral communication skills are extremely important.

Stipend: \$16,500 per year (tuition waivers are available to qualifying candidates) (Students may be eligible to apply for NSERC and GRTI scholarships. Additional scholarships, grants, and research assistantships may also be available for qualified applicants)

Start Date: May 1, 2009

To Apply:

All interested candidates are asked to please contact: Dr. Gordon W. Price

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For Graduate Program Information:

For further information about the M.Sc. Program at NSAC contact Marie Law (mlaw@nsac.ca) or visit the NSAC web site at <http://nsac.ca/research/graduatestudies/>.

The Master of Science program with a specialization in Agriculture is offered by NSAC in conjunction with Dalhousie University

