FACULTY OF AGRICULTURE, DALHOUSIE UNIVERSITY
M.Sc. in Agriculture (Renewable Energy)

Graduate Student Assistantship

**Supervision:** Dr. Kenny Corscadden, Department of Engineering, Faculty of Agriculture, Dalhousie University.

**Location:** Dalhousie Agricultural Campus, Truro, Nova Scotia, Canada

**Project:** Multi-variable Estimation of Wind Shear Profiles and Optimal Wind Turbine Energy Prediction
The accepted candidate would work closely with Dr Corscadden and industry partners to develop a multi-variable estimation methodology that will provide a more accurate shear profile based on site characteristics and wind speed data obtained by remote sensing.

**Qualifications:**
Applicants must possess a B.Sc. Honors degree or equivalent degree in engineering, and be eligible to enroll in the M.Sc. Agriculture program. Knowledge of energy systems, wind analysis and associated software is desirable. Experience in use of wind assessment instruments as well as strong written and oral communication skills would be considered a great asset. Applicants must have an interest and willingness to generate innovative ideas, techniques and technologies, be able to travel and conduct laboratory as well as field experimentation, be self-motivated, willing to work independently and in a team environment, have some familiarity with computer programming and statistical analysis.

**Date:** To start Sept 2015

Funding: $18,500/year or if you are an NSERC PGS awardee, your tuition will be covered for two years.

**For project information:**
Contact Dr. Kenny Corscadden at: Email: kenneth.corscadden@dal.ca Ph: 902-893-6036 ; Fax: 902-896-1859

**For admissions information and application:** refer to the following website:
http://www.dal.ca/faculty/agriculture/programs/graduate-studies.html

Send supplementary application materials, e.g. CV, letter of intent and transcripts (also application and references if not applying online) directly to: Graduate Secretary, Dalhousie University, Faculty of Agriculture, 62 Cumming Drive, Truro, NS B2N 5E3, CANADA. e-mail: gradadmissions.agr@dal.ca