



ses

school of environmental sciences

The Research Seminar Presentation by

Leah Blechschmidt

will be held on

Tuesday March 20th, 2018

At 3:30 pm

ALEXANDER HALL 265

Improving apple crop yield by supporting pollinator diversity

Abstract

Pollinators are vital to our agricultural systems; 76% of the world's leading global food crops rely on pollinators, and global pollination services are worth approximately \$700 billion CAD every year. While pollination services to crops in North America are primarily provided by honeybees, this species does not provide optimal pollination in many cropping systems. Wild pollinator populations are becoming increasingly recognized for their ability to provide superior pollination services that result in increased crop production. Benefits to crop yield and wild pollinator populations are greatest in agricultural sites with highly diverse surrounding landscape. Currently there is a lack of information in Canada regarding the status of pollinators in agriculture. This research project will provide insights into pollinator-crop relationships with specific focus on apple, a highly valuable and insect dependent Canadian crop.

Everyone is welcome to attend

(This is a Research Proposal presentation by students in ENVS*6900)