Greenhouse Gas Fluxes in Croplands, Grasslands, and/or Forest Ecosystems

PROJECT DESCRIPTION

Increased greenhouse gas (GHG) emissions from terrestrial ecosystems are causing global climate change to progressive occur. This environmental concern substantiates our research work. Our research group focuses on understanding the processes leading to increase GHG emission and also on finding effective solutions to mitigate this environmental problem. Increased GHG emission also impacts the efficiency, sustainability and license to operate of production systems such as croplands, grasslands and forests. This position will involve quantification and interpretation of GHG fluxes under a range of management practices and biophysical conditions.

The intern will be introduced to sophisticated methods, and this work will be conducted in collaboration with other members of our team. Numerical, computational and communicational skills are highly desirable. Proactive, flexible, dedicated, well-centered, and responsible are other expected assets. The intern will work on experiments in greenhouses and laboratory as well as data analyses and presentation.

FACULTY-DEPARTMENT

Agriculture, Life, Environmental Sciences- Renewable Resources

DESIRED FIELD OF (STUDENT) STUDY

Academic focus on environmental, biology, agriculture or soil sciences studies are desirable.

INTERNSHIP LOCATION

University of Alberta Main Campus - Edmonton

NUMBER OF INTERNSHIP POSITIONS

2

INTERNSHIP START DATE

January 8, 2018

INTERNSHIP END DATE

March 30, 2018
ARE THE DATES FLEXIBLE?
Yes