



ses

school of environmental sciences

The Research Seminar Presentation by

Mariam Al-Bahouh

will be held on

Tuesday March 6th, 2018

At 02:00 pm

ALEXANDER HALL 265

Title: Water Footprint of Dairy Operating Facilities in Two Contrasting Climate Areas

Abstract

The aim of the study is to estimate the water footprint components of dairy farms in areas with contrasting climatic conditions such as Canada and Kuwait, and to identify the best mitigation practices to ensure the sustainability of the dairy production systems. The water footprint data will be collected for a duration of one year from dairy farms in Canada and Kuwait and will include information about the water incorporated in the process of milk production in addition to the water needed for animal feed production.

This research will be an opportunity to take advantages of the Canadian experience due to the similarities in environmental challenges between Canada and Kuwait by means of extreme weather conditions. Also, this research will be the first that evaluates the water footprint of milk production in two areas with different climatic conditions in order to enhance the level of the dairy sector by identifying the best mitigation practices and providing the required information for the stakeholders to make the right decision to achieve the sustainability and the food security.

Everyone is welcome to attend

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