

Food and Water Security Course Module 3: Climate Change and Food Security in the Future

Module 3 Overview Video Transcript

Hello and Welcome to Module Three. In this Module we will begin watching a mini lecture which discusses Food, Water, and climate change during the renegotiation of the Columbia River Treaty and how it is affecting Creston Valley agriculturalists. The effects of climate change are far reaching and not all populations across the globe are affected equally nor are climate change effects the same everywhere. Specifically, we look at climate change effects on agriculture in this module. The next series of YouTube videos showcase how climate change is affecting the global food supply. Four of these 6 videos are required viewing. Your next activity involves reading a NY Times article that presents a dire outcome of climate change on the global food supply.

We will then read a document prepared by the Pacific Climate Impacts Consortium for the Thompson Okanagan Region where we will learn more about its unique topography and temperature trends and future climate projections. We then continue to read from the BC Food and Agriculture Climate Change Adaptation Initiative on four types of climate change impacts that the Okanagan region is currently experiencing.

I then offer extra readings on various government documents that are not required to complete. Next, you will be required to complete a multiple-choice quiz based on the four YouTube videos that you previously viewed. We will discuss Climate Change in the Okanagan and how agriculturalists are adapting to an ever-changing set of challenges...especially drought! Following this activity, you will be asked to post one substantive question relating to this topic, "What is Climate Change and how does it affect you"? in the Discussion Forum, and you will also reply to any one student's question in the Discussion Forum with two substantive answers. A history of all student's discussions will be recorded in the Discussion Forum, so that we will be able to read, reply to, and share in any topics that we raise over the duration of this course.

In the second half of this week's module, I will introduce the topic of Climate Change and Covid and how it has affected Food Security. This discussion is presented in a collection of media reports in various media platforms, UBCO announcements, local TV, various online news media platforms, a local newspaper and two radio interviews. The topic of Covid and Food Security is summarized in a YouTube video Webinar that is presented by ACARN and CAI.

And finally, you will be asked to submit your weekly reflections to me via Canvas. Your reflections can follow two guided topics or your own analysis of the theories that have been introduced, and core concepts and ideas that I have introduced in my own doctoral research.

Next to each activity in the Course Calendar, you will notice a time allotment for each activity. This is a suggestion for minimum time spent on each activity and does not mean that you cannot delve deeper into each topic or activity and certainly if you wish to spend more time on each area of learning, you are welcome to do so. I look forward to this third module of weekly activities and to your responses in the participatory activities.



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