Climate Change impacts on Agriculture and Food Security

ALS 5905 class # 27574
Fall 2020

The impacts of global climate change on food systems are complex, widespread, spatially and temporally variable. This graduate level course provides an overview of current and future anthropogenic climate change impacts on food production. The first half of the course will focus on holistic perspectives of current and future climate scenarios and their impact on food production. The second half will explore case studies from around the world to compare and contrast mitigation and adaptation measures used to reduce negative impacts caused by climate change. This course directly collaborates with faculty from our partner institution Centro Agronómico Tropical de Investigación y Enseñanza (Tropical Agriculture Research and Higher Education Center—CATIE) in Costa Rica, that will provide first-hand case studies and an international perspective.

Prerequisites: PLS 3004C (Principles of Plant Science), or equivalent, or approval by the instructor.

Instructor
UF: Dr. Gerardo Celis

International Collaborator
CATIE: Dr. Miguel Cifuentes-Jara

For more information, contact:
celis@ufl.edu

To register: https://one.uf.edu

Class schedule
Tuesday 4:05 - 6:00pm
Thursday 4:05 - 4:55pm

Photo by Tom Fisk from Pexels