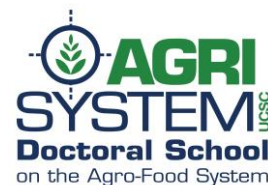




UNIVERSITÀ
CATTOLICA
del Sacro Cuore



CLIMATE CHANGE: FOCUS ON PERENNIAL CROPS

Prof. Sergio Tombesi

Faculty of Agriculture, Food and Environmental Sciences Università Cattolica del Sacro Cuore – Piacenza

Course Aims

Climate change and its impact on agriculture is one of the hot topic in agricultural sciences being the focus of many national and international calls for research projects. The aim of the course is to provide a focus on the impact of climate change on agricultural productions and in particular on perennial crops.

Methodology

Class lecture and final oral presentation taught by students.

Course description

The course will be divided in 3 modules lectures: Climate change at global and local scale (2h); impact on agriculture: drought stress, phenology, chilling requirement (4h). Case study: examples of scientific research addressing issues related to climate change in grapevine. At the end of the course, students will be required to present a short presentation (max 10 min) on the impact of climate change on one tree crop chosen by the student.

Recommended texts

Lecture slides and papers uploaded by the teacher on blackboard.