



CLIMALT E-LEARNING COURSE PROGRAMME

CHAPTER A. CAUSES

Module 1. Climate change science

Lecture 1.1. Climate change: from the Earth system to the Anthropocene

Module 2. Climate change: the causes

Lecture 2.1. Energy consumption and emissions

Lecture 2.2. Understanding food and climate change: a system perspective

Lecture 2.3. The life cycle of things

CHAPTER B. IMPACTS

Module 3. Environmental impacts

Lecture 3.1. Environmental impacts of climate change

Module 4. Socio economic impacts

Lecture 4.1. Energy poverty and other social challenges

Lecture 4.2. Climate change impacts on food systems

CHAPTER C. ALTERNATIVES

Module 5. Policy framework

Lecture 5.1. From Sustainable development to the International Climate Agreements

Lecture 5.2. Paris agreement and EU

Module 6. Actions

Lecture 6.1. Climate justice

Module 7. Practices

Lecture 7.1. Circular economy

Lecture 7.2. Zero Waste

Lecture 7.3. Energy transition

Lecture 7.4. Agricultural adaptation and mitigation options to respond to climate change