



## Climate change, adaptation and mitigation

### Course: Climate-smart soil and land management



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This course focuses on sustainable soil and land management for climate-smart agriculture. It provides technical knowledge and examines how wide-scale implementation of climate-smart soil and land management practices can enhance mitigation of climate change and adaptation to its impacts.



2 hours of learning, depending on learning needs



Available in English

### You will learn about

- Key concepts, including soil, land, soil degradation, ecosystem services, the effects of climate change on soil and land, and the benefits of sustainable management
- Important sustainable soil and land management (SSLM) practices, including prevention and mitigation of degradation, control of soil erosion, management of soil organic matter and improvement of water use
- Information sources, assessment practices and techniques for scaling up
- Voluntary Guidelines for Sustainable Soil management and how they contribute to the creation of an enabling environment for SSLM

## Who is the course for?

This course addresses the subject matter from a technical perspective, but is written for the general public. Individuals who would especially benefit from taking the course include:

- Policy makers
- Development practitioners and programme managers
- Sectoral specialists and academics
- Trainers and extension agents

## Key partners

The course was developed by the Food and Agriculture Organization of the United Nations (FAO) with the financial support from the Italian Ministry for the Environment, Land and Sea (IMELS).

It is based on the FAO Climate-Smart Agriculture Sourcebook publication.

Website:

[www.fao.org/climate-smart-agriculture-sourcebook](http://www.fao.org/climate-smart-agriculture-sourcebook)

## FAO learning Center



This course is available through the FAO  learning Center.

Please visit the Center and browse our extensive catalogue in multiple languages. Register once to access over 100 titles.

All courses are available as a global public good for free.

## How to access the course

1. Go to the e-learning center: [www.fao.org/elearning](http://www.fao.org/elearning), and select the category "Climate change, adaptation and mitigation"
2. Register and log-in with your user name and password



 Registration is fast and easy