

MOOC Soil and Climate

Publics cibles

Formation continue

Pré-requis

Knowledge of science, particularly soil sciences

Langues d'enseignement

Français

Anglais

Renseignements pratiques

Durée de la formation : 6 weeks

Formation : A distance, Distance learning, 2 to 3 hours of work per week

Programme

- Week 1: Climate change issues
- Week 2: Ecosystem services provided by soil organic matter
- Week 3: Biophysical processes and biophysical basis of carbon storage in soils
- Week 4: Quantifying soil carbon stocks and their evolution
- Week 5: Agronomic and forestry strategies
- Week 6: Socio-economic action levers

Compétences visées

- Understand the roles and challenges of soil carbon preservation in the context of climate change
- Knowing the tools for assessing and modelling carbon stocks in soils in order to reuse them
- Implement strategies for storing carbon in soils, taking into account the agricultural, but also economic and social dimensions, at different scales

En partenariat avec

Agreenium

Pour plus d'information

<https://www.fun-mooc.fr/en/courses/sol-et-climat/>