

Climate Smart Agriculture: Loss of Biodiversity and the Uncertainties associated with Climate Change



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BACKGROUND

This international technical webinar is part of the series organized by the **FAO eLearning Academy**, **Agreenium** (l'Institut agronomique, vétérinaire et forestier de France) and **UN-ESCAP** (United Nations Economic and Social Commission for Asia and the Pacific). These webinars are an opportunity for all of us to share experiences and lessons learnt, discuss challenges, and propose innovative solutions and models. They aim to provide a holistic and comprehensive view of current trends in thematic areas related to global challenges, by combining development research and innovation perspectives.

The main objective of these technical webinars is to give practitioners the opportunity to interact with international experts, United Nations officers, University professors, researchers and fellow participants, throughout the world. Webinars can be attended as interactive online sessions on Zoom, where sharing perspectives and asking questions to experts is encouraged. These sessions are also recorded and therefore available at any time, through the FAO eLearning Academy: elearning.fao.org.

OBJECTIVES OF THIS SESSION

- Define the risks and uncertainties brought by climate change
- Recognize the loss of biodiversity caused by climate change
- Illustrate examples of climate smart agriculture as a response to increasing climate change issues

SPEAKERS

This international technical webinar will be delivered by **Ms Federica Matteoli**, Natural Resources Officer at FAO, **Mr Philippe Lemanceau**, Senior Scientist at the French National Institute for Agriculture, Food, and Environment (INRAE), and moderated by **Ms Cristina Petracchi**, Leader of the FAO eLearning Academy.



Federica Matteoli
Natural Resources Officer
(CBC/FAO)



Philippe Lemanceau
Senior Scientist
(INRAE)



Cristina Petracchi
Leader of the FAO
eLearning Academy
Partnerships Division
(PSP/FAO)

Federica Matteoli has 16 years of experience in the field of climate change, political science and participatory approaches in international agencies such as FAO, the World Bank and government agencies. She is the coordinator of a project that works on CSA knowledge activities and projects at the field level in Botswana and Ecuador. She coordinated a FAO project on Communication for Development on climate change in Bolivia, the Democratic Republic of Congo and in the Caribbean. She worked for the World Bank on

Philippe Lemanceau is a senior scientist at INRAE. He is a soil microbiologist with a widely recognized expertise in biodiversity and plant-microbe interactions. He heads a large research Unit on agroecology, whose activities aim at preserving and valorizing biodiversity and biotic interactions, and their application to assess and design multi-performing agroecological systems using low chemical inputs. He has coordinated a large EU project (EcoFINDERS) aimed at characterizing the biodiversity (i.e., microbiota & fauna) of European soils, their

Cristina Petracchi heads the FAO e-learning Academy. She manages and coordinates the design, development, delivery and language adaptations of an extensive portfolio of e-learning courses and blended learning programmes for the benefit of FAO member countries, and is responsible for the creation of University Masters' and Post Graduate Degree Programmes. She engages actively in consolidating partnerships across United Nations agencies, academic institutions and universities, regional organizations, CSOs and NGOs,

climate change issues. She has a degree in Law, a Master in International Cooperation and a PHD in Science and Management of Climate Change.

functioning and the provision of ecosystem services. He has also organized the first Global Soil Biodiversity Conference in Dijon, and held editorial responsibilities in international peer-reviewed journals.

for capacity development initiatives. In addition to a University Degree in Biological Sciences, Ms Petracchi holds a PhD in Nutrition and Food Science, and has several years of experience of capacity development activities, in a number of countries.

HOW TO ATTEND

The webinar is free and open to everyone, provided you have the link to the platform. To join the webinar session on Zoom, kindly register [here](#).

We suggest you to use Google Chrome in order to join the webinar. We also recommend you to check your time zone [here](#).

Please feel free to share this invitation with your colleagues.

PARTNERS

Agreenium - l'Institut agronomique, vétérinaire et forestier de France
AgroParisTech - Institut des sciences et industries du vivant et de l'environnement
CIHEAM - International Center for Advanced Mediterranean Agronomic Studies
CIRAD - Agricultural Research Centre for International Development
CREA - Council for Agricultural Research and Economics
FFI - Future Food Institute
IFAD - International Fund for Agricultural Development
IGNOU - Indira Gandhi National Open University
INRA - Institut national de la recherche agronomique
Montpellier SupAgro - Institut national d'études supérieures agronomiques de Montpellier
NEPAD - New Partnership for Africa's Development
SUN Movement - Scaling Up Nutrition Movement
UNDP - United Nations Development Programme
UNESCAP - United Nations Economic and Social Commission for Asia and the Pacific
WB - World Bank
WFP - World Food Programme

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