



Food and Agriculture  
Organization of the  
United Nations



4 June | 10:30 11:15

Ethiopia room

**Conservation Agriculture, the  
management of Water and Soil  
Organic Carbon against soil erosion**

*Organizers*

*The Global Conservation Agriculture  
Network*

*Initiatives for the Future of Great Rivers*

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**GLOBAL SOIL PARTNERSHIP | 12<sup>th</sup> Plenary Assembly**

03-05 June 2024





# AGENDA

## Background

Conventional farming practices generate erosion, loss of organic matter, water pollution, increased susceptibility of soils and crops to drought and floods.

This spiral of degradation of the farming ecosystems impacts negatively their capacity to sustainably produce food and welfare for the populations and farmers.

Drought and floods increase the risk of desertification of entire regions, making them unable to support populations needs.

By adopting Conservation Agriculture, which improves quality and fertility of the Soils, on the contrary the potential of food production increases with the time as well as the resilience of the whole ecosystem to climatic events.

While results on many farms around the world in various conditions are now well documented and available to guide new adopters in some leading regions, in other parts of the world the society and policy makers are still struggling to understand the constraints and drivers of farmers for adoption at large scale.

We will present successful collective projects led by some farmers organizations to transition towards more sustainable farming systems.

To cope with the huge cost of financing organization, experimentation, training, transition, they experiment a business model based on Carbon Credits.

Discussion with the audience will focus on the needs of contributions of other stakeholders to accelerate this transition as fast as possible to meet the urgent needs created by the various crisis met by humanity:

- sustainable mechanization and energy,
- access to technologies,
- infrastructures: transport, storage, water storage and irrigation, green landscape infrastructures...
- markets,
- regulations,
- exchange of experiences between the most advanced geographies and the new adopters.





10:30 – 11:00	<p><b>Presentation :</b> Conventional practices impact on erosion, soil health, water, crops <b>Gerard Rass GCAN (in presence)</b></p> <p><b>Round table: (2 min per participant)</b> Conservation Agriculture, its benefits on soil, crop yields, profit and welfare for farmers. Barriers and drivers for adoption, contributions of stakeholders for upscaling. <b>Diane Masure, farmer, APAD GCAN (on line )</b> <b>Anna Trettenero, farmer, Italy (in presence )</b> <b>Dr Francesco Morari, University of Padova (in presence )</b> <b>Dr Rachid Moussadek, CGIAR, Morocco (on line or in presence tbc )</b> <b>Jorge Lopez Menendez, farmer, AAPRESID INTERNACIONAL, GCAN (on line or in presence tbc )</b></p>
11:00 - 11:15	<p><b><u>Exchange with the audience</u></b></p> <p><b><u>All</u></b></p>

**Moderator: Ms Carolina Olivera Sanchez, Global Soil Partnership, FAO**

