



Food and Agriculture
Organization of the
United Nations



4 June | 09:30 10:45

Ethiopia room

**A GLOSOLAN quality certificate
for carbon analytical results:
why and how it should be
quickly implemented.**

Organizers

Mr. Christian Hartmann

Mrs. Nopmanee Suvannang

Mrs. Hanane Aroui-Boukbida

GLOBAL SOIL PARTNERSHIP | 12th Plenary Assembly

03-05 June 2024





AGENDA

Background

Since 2017, GLOSOLAN has provided considerable support to its members (currently over 1050 soil laboratories in nearly 160 countries), including free access to multi-language standard operating procedures (SOPs), written guidelines, videos, webinars, and face to face training sessions.

Despite this strong support, a recent PT (proficiency testing) including 200 laboratories in 65 countries has shown that (i) only half of the laboratories have satisfactory repeatability and that (ii) uncertainty of carbon analyses provided by many laboratories is too large for several purposes (assessing the sustainability of agronomical practices, carbon credit payment, calibration of spectral methods, etc).

Anyway, the good news is that laboratories doing high quality analyses can be found in all Regions, the bad news is that the clients cannot identify these laboratories as PT is strictly anonymous.

To help clients (farmers, stakeholders, researchers) identifying the good performing laboratories we suggest setting up a quality certificate system similar to the one already used by ASPAC (*Australasian Soil and Plant Analysis*).

09:30 - 09:33	Opening remarks and presentation of the panellist Mr. Filippo Benedetti , Global Soil Partnership Secretariat and GLOSOLAN Coordinator
09:33 - 09:40	Quality of soil laboratory data: where we are. Mr. Christian Hartmann , Institut de Recherche pour le Développement (IRD)
09:40 - 09:47	Quality certificate for carbon analytical results: how GLOSOLAN is going to organise it worldwide. Mrs. Nopmanee Suvannang , Intergovernmental Technical Panel on Soils (ITPS) Mrs. Hanane Aroui-Boukbida , Institut de Recherche pour le Développement (IRD)





09:47 - 10:07	<p>Roundtable</p> <p>Mrs. Elena Havelick, Scientific Officer, Federal Office for the Environment FOEN, Switzerland</p> <p>Mr. Paul Luu, Executive Secretary “4 per 1000” international Initiative</p> <p>Mr. Luca Montanarella, Chair of the International Network of Soil Information Institutions (INSII)</p> <p>Mr. Elh Moudi Moustapha Abdourahaman, Soil, Water and Plant Laboratory, Regional Center of Agronomic Research, Niger</p> <p>Mr. Linroy Christian, Head of the Department of Analytical Services - Ministry of Foreign Affairs, Agriculture, Trade and Barbuda Affairs (Antigua and Barbuda)</p>
10:07 - 10:15	<p>Questions and answers</p>

Moderator: Mr. Filippo Benedetti, Land and Water Division, FAO

