



Food and Agriculture  
Organization of the  
United Nations



GLOBAL SOIL  
PARTNERSHIP

A decorative graphic consisting of a series of colored squares and circles arranged in an arc above the word 'GLOSOLAN'. The colors transition from dark brown on the left to light yellow and green on the right.

# GLOSOLAN

GLOBAL SOIL LABORATORY NETWORK

## **Second Plenary Meeting on Spectroscopy**

**From 2 to 4 November 2021**

**From 11 AM to 1 PM GMT+1**

**Online meeting – Zoom platform**

2 November 2021

11:00 - 11:10AM GMT+1	Opening	Mr. Ronald Vargas, GSP Secretary, FAO Ms. Nopmanee Suvannang, GLOSOLAN Chair
11:10 – 11:15 AM GMT+1	Endorsement of the Agenda and group picture	Ms. Lucrezia Caon, GLOSOLAN coordinator, FAO
11:15-11:30 AM GMT+1	<b>Item 1.</b> Report on the work performed by the Initiative in 2020-2021	Richard Ferguson, Charles E. Kellogg Soil Survey Laboratory, USDA  Mr. Yi Peng, GLOSOLAN coordinator on spectroscopy, FAO
11:30 – 12:40 PM GMT+1	<b>Item 2.</b> Identification of areas for improvement followed by an open discussion <ul style="list-style-type: none"> <li>- New objectives of the GLOSOLAN Initiative on Soil Spectroscopy</li> <li>- Governance</li> <li>- Webinars and training material</li> <li>- Writing of Standard Operating Procedures</li> </ul>	Mr. Yi Peng, GLOSOLAN coordinator on spectroscopy, FAO  Ms. Lucrezia Caon, GLOSOLAN coordinator, FAO
12:40 – 12:50 PM GMT+1	<b>Item 3.</b> Short presentation of the candidates for the position of GLOSOLAN-Spec Chair	
12:50 1:00 PM GMT+1	Closure of the first day of meeting and introduction to the second day	

3 November 2021

**Global spectral estimation service**

11:00 -11:25 PM GMT+1	<b>Item 4.</b> Global soil spectroscopy for the common good	Mr. Raphael VISCARRA ROSSEL, Curtin University, Australia
11:25-12:15 PM GMT+1	<b>Item 5.</b> Discussion on the establishment of a global spectral estimation service through a country driven approach	Mr. Yi Peng, GLOSOLAN coordinator on soil spectroscopy Mr. Yusuf Yigini, GSP/FAO
12:15-1:00 PM GMT+1	<b>Item 6.</b> National/regional soil spectral libraries: <ul style="list-style-type: none"><li>• A Mediterranean soil spectral library as an example for data harmonization and countries collaborations Mr. Eyal Ben Dor (10')</li><li>• New soil spectroscopy projects within a European Joint Programme on Agricultural Soils (EJP SOIL) Ms. Johanna Wetterlind (10')</li><li>• Combining Systematic Field Assessments with Soil Spectroscopy to Build a Geo-referenced Global Spectral Library across the Tropics Ms. Leigh Ann Winowiecki (10')</li></ul> 15 minutes for Q&A	Moderator: Ms. Lucrezia Caon, GLOSOLAN coordinator, FAO
1:00 PM GMT+1	Closure of the second day	

4 November 2021

**Global spectral estimation service**

11:00-12:00 PM GMT+1	<b>Item 7.</b> Organization of a global proficiency test (PT) on soil spectroscopy <ul style="list-style-type: none"><li>- Decide which range of spectra for PT (Vis-NIR or MIR or both)</li><li>- Call for experts and labs to develop road maps</li><li>- Potential collaboration with P4005 working group</li><li>- Call for soil samples</li></ul>	Mr. Yi Peng, GLOSOLAN coordinator on soil spectroscopy, GSP/FAO  Mr. Filippo Benedetti, GLOSOLAN Alternate Coordinator, GSP/FAO
12:00-12:30 PM GMT+1	<b>Item 8.</b> Webinars and trainings <ul style="list-style-type: none"><li>- Country's needs for training</li><li>- Potential topics for next year's online seminar</li><li>- Call for speakers</li></ul>	Mr. Filippo Benedetti, GLOSOLAN Alternate Coordinator, GSP/FAO
12:30-1:00 PM GMT+1	<b>Item 9.</b> Wrap up on the GLOSOLAN work plan on soil spectroscopy for the year 2021-2022  With a reflection on: <ul style="list-style-type: none"><li>- Project proposal writing</li><li>- Concept note writing</li></ul>	Moderator: Mr. Yi Peng, GLOSOLAN coordinator on soil spectroscopy, GSP/FAO
1:00 PM GMT+1	Election of the GLOSOLAN-Spec Chair and closure of the meeting	