



Food and Agriculture  
Organization of the  
United Nations

6<sup>th</sup> Meeting of the  
**Regional Soil Laboratory  
Network for Africa**  
(AFRILAB)

23 October 2024

# AFRILAB priorities and roadmap (2025)

GSP Secretariate

**AFRILAB**  
AFRICAN SOIL LABORATORY NETWORK



# GLOSOLAN Areas of work



**SOPs**



**QA/QC**



**Capacity  
development**



**Health and  
safety**



**Equipment**



**Soil spectroscopy**

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# Standard operating procedures



- Promote the adoption of harmonized SOPs through PTs and targeted training sessions
- Translation of harmonized SOPs into French and Portuguese.
- Encourage regional laboratories participation in the harmonization process including SOPs review
- Harmonizing SOPs of regional interest

# QA/QC

## Proficiency testing;

Global to be launched early 2025

Training for country-based PTs



## Other QC activities

Development and use of matrix and method specific reference materials. We can have our regional PT as a starting point

Supporting laboratories in the region attain international accreditation status like ISO 17025:2017.

Establishment and strengthening of a working group on QA/QC

# Capacity Development



The approach should include;

1. Human capital development
  - Webinars and in-person training  
(Which topics can we prioritize)
2. Equipment and instrumentation
  - Equipment handling training
  - Support with equipment acquisition  
and technological advancement
3. Facilities

# Soil spectroscopy



- Encourage members to join the working group on soil spectroscopy
- Intensify soil spectroscopy training
- Support countries in establishing their own soil spectral laboratories and national soil spectral libraries with standardized methods and decentralized estimation services

# 2025 Proposed activities

	Activity	Topics
Q1	Webinar series	QA/QC, lab management and lab accreditation
	Global PT	
Q2	Webinar series	Chemical parameters
Q3	Webinar series	Soil spectroscopy
Q4	Webinar series	Physical and biological parameters
	General meeting	

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# Thank you

