

AFRILAB priorities and needs, and progresses on the establishment of NASOLANs

LESEGO MOOKETSI-SELEPE
AFRILAB CHAIR

7th Meeting of the
**Global Soil
Laboratory
Network**
(GLOSOLAN)



AFRILAB



7th Meeting of the **Global Soil Laboratory Network (GLOSOLAN)** | 21-23 November 2023



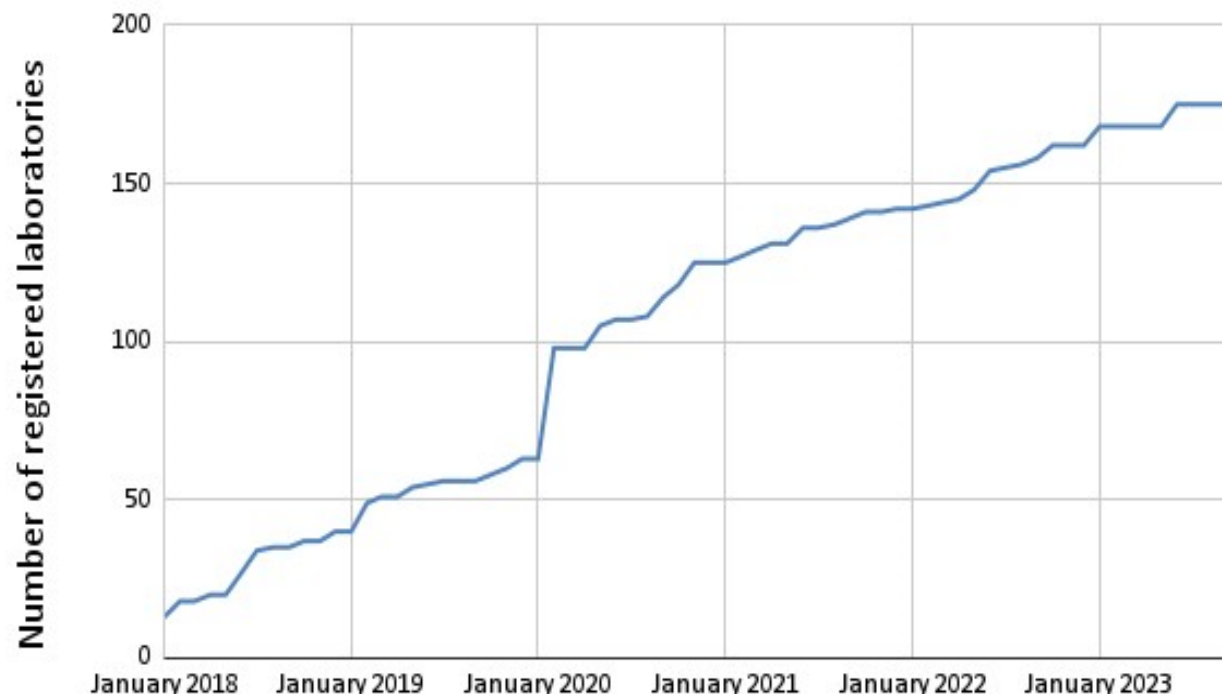
AFRILAB

Current status of AFRILAB:

- 180 laboratories
- 40 different countries

Benin, Botswana, Burkina Faso, Cameroon, Cape Verde, Chad, Cote d'Ivoire, Democratic Republic of Congo, Djibouti, Eritrea, Eswatini, Ethiopia, Gabon, Gambia, Ghana, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Republic of Congo, Republic of Guinea, Rwanda, Sao Tome and Principe, Senegal, Sierra Leone, Somalia, South Africa, South Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe

AFRILAB network growth



AFRILAB - NASOLANs

- NASOLANs
 - ❖ Established
 - ❖ In process of establishment
 - ❖ Not yet

e.g. Established NASOLANs

- Senegal



- Zimbabwe



- Nigeria



These NASOLAN have work plans in place which include running national sample exchange program (PT). Nigeria has already prepared sample and are ready to be dispatched.

CAPACITY BUILDING

- Critical laboratory needs were covered through:
 - 1) Training through webinars
 - 2) In-person training
 - 3) Support with equipment

In-person training

- Laboratory trainings in:
 - i. Djibouti
 - ii. Togo
 - iii. Rwanda
 - iv. And the regional one in Senegal



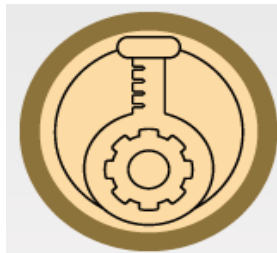
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AFRILAB Roadmap 2023-2025

Priorities:

- Quality of soil analysis
- Harmonization of procedures
- Equipment
- Laboratory management



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- Quality of soil analysis
- Webinars (quality charts, calibration, etc.)
- In-person training sessions
- Establishment of a working group on QA/QC
- Regional PT

- Harmonization of procedures
- Facilitate the adoption of GLOSOLAN SOPs:
 - Translation in French and Portuguese
 - Organize training sessions on the SOPs
 - Health and safety and waste management working groups

- Equipment
- Procurement
- Calibration
- Maintenance and management
- Spectroscopy



- Laboratory management
 - Planning
 - Resources management
 - Promotion of good laboratory practices.



Food and Agriculture
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GLOSOLAN
GLOBAL SOIL LABORATORY NETWORK

***THANK YOU VERY MUCH FOR
YOUR ATTENTION***

