

5<sup>th</sup> Meeting of the  
**Asian Soil Laboratory  
Network**  
(SEALNET)

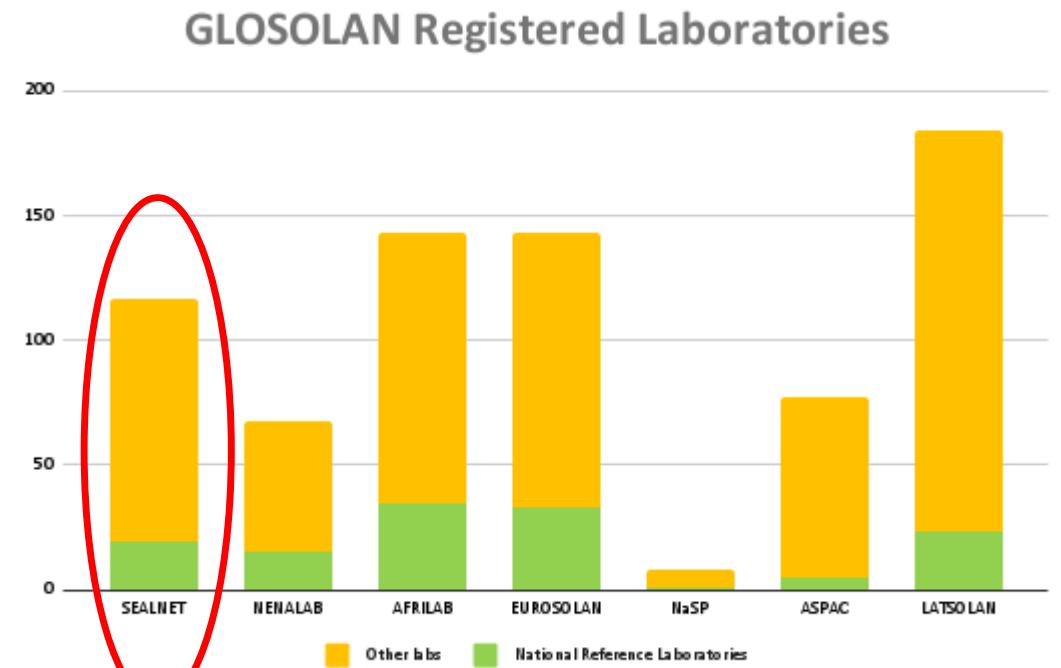
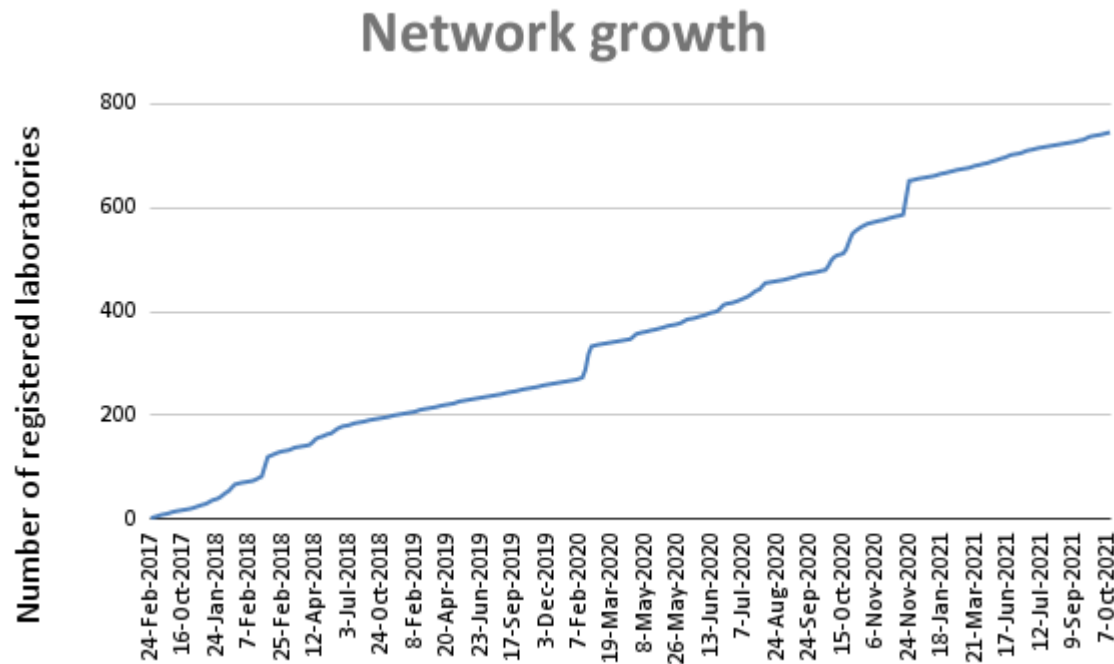
20 October 2021

*Item 2*  
***SEALNET updates***

Mr. Filippo Benedetti, GSP Secretariat



# Global trend



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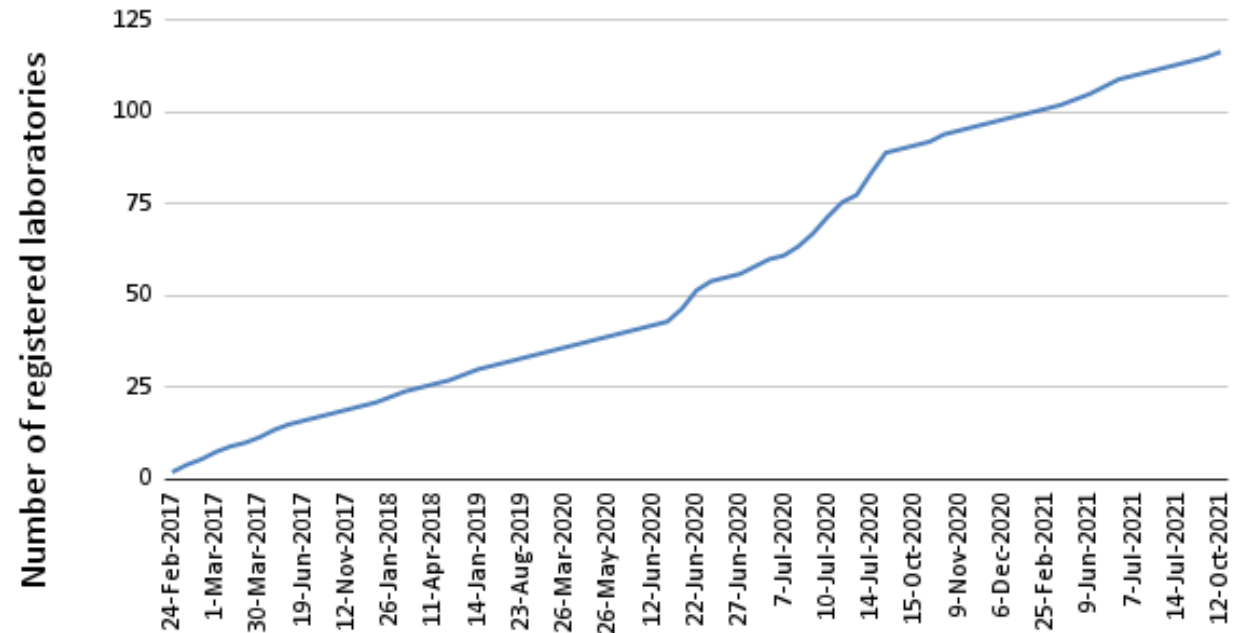


# Regional trend



Since last SEALNET meeting:  
**+ 57 registered labs**

## SEALNET growth



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- **Missing countries (no laboratory registered):**
  - Brunei Darussalam
  - Democratic People's Republic of Korea
  - Maldives
  - Singapore
  - Timor-Leste
  
- **Countries with no National Reference Laboratory nominated:**
  - Afghanistan

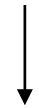
# Scaling down: National networks

## Why NASOLANs are needed?

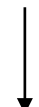
- Improve the efficacy and outcomes of GLOSOLAN activities
- Develop ad-hoc programs to better face global and local challenges
- Reach a larger number of laboratories



Global



Regional



National

# NASOLAN tasks

- Enlarge the network by **motivating** other soil laboratories operating in the country to register in GLOSOLAN and, consequently, in NASOLANs
- **Facilitate** the implementation of GLOSOLAN activities
- **Advertise** GLOSOLAN activities and events (e.g. online or in person training and meetings like those of the Regional Soil Laboratory Network), motivating national laboratories to take part in it
- **Organize** national trainings and **meetings** in order to:
  - Transfer the knowledge and skills acquired in GLOSOLAN/RESOLANs to other laboratories
  - Discuss common challenges and need
  - Explore financial resources mobilization opportunities
- Organize national inter-laboratory comparison exercises (**PT**)
- Keep the **communication** active with the Chair and Vice-Chair of their RESOLAN, the GSP national focal point and the GLOSOLAN coordinator
- Keep the **NASOLAN webpage updated** in order to facilitate:
  - i. The financial resource mobilization activities
  - ii. The involvement of laboratories in projects
  - iii. The monitoring of national activities.

**We are here to support you!**

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Photo: Launching of the National Soil Laboratory Network in the Philippines was held on September 23, 2019 at BSWM Convention Hall



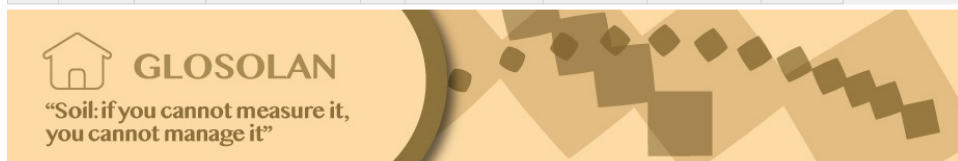
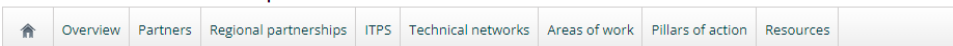
# NASOLAN webpage

<https://www.fao.org/global-soil-partnership/glosolan/national-soil-laboratory-networks/en/>



中文 English Русский Español

## Global Soil Partnership



GLOSOLAN homepage
Soil Analysis
Capacity development
Fertilizers analysis – International Network on Fertilizer Analysis
Equipment
Regional Soil Laboratory Networks
National Soil Laboratory Networks
SIMPLE - Soil Import Legislation

## National Soil Laboratory Networks

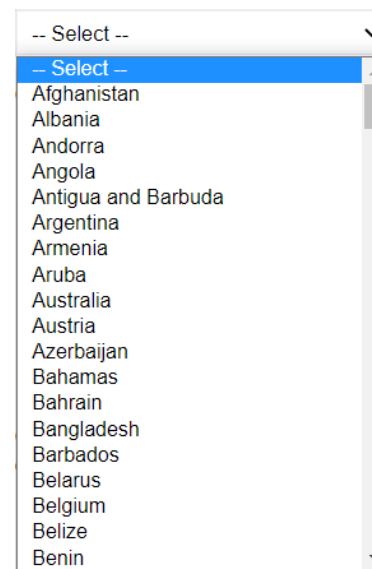
The success and impact of the Global Soil Laboratory Network (GLOSOLAN) strongly relies on the work and commitment of its member laboratories and on their ability to up and downscale GLOSOLAN activities and harmonized protocols. Regional Soil Laboratory Networks (RESOLANs) facilitate downscaling at the regional level. However, only the establishment of National Soil Laboratory Networks (NASOLANs) able to break down language and cultural barriers can make a difference at the country level.

Each NASOLAN represents the lowest network level of GLOSOLAN. They allow all soil laboratories in a country to interact with each other, overcome common challenges and help each other to build their capacity in soil analysis. Their tasks are described in **NASOLAN's Terms of Reference** (AR|EN|ES|FR|RU).

It is the responsibility of each National Reference Laboratory (see **Terms of Reference** (AR|EN|ES|FR|RU)) to lead the establishment of their NASOLAN and to coordinate the implementation of GLOSOLAN activities at the country level. To assist the National Reference Laboratories in this task, GLOSOLAN has prepared **Guidelines on how to establish a National Soil Laboratory Network** including case studies, and has created a NASOLAN webpage for each country.

Each webpage contains the following information:

- Status of the establishment of the network. Established/under establishment/not established
- Name of the network and number of members in the network
- Brief history of the network with a focus on the steps taken by the laboratories to establish it, the obstacles faced and potential supporters.
- Information on the activities implemented and meetings organized by the network. In this section, meetings material and outcome documents of the activities implemented by the NASOLAN will be published.



## Key documents



NASOLAN Terms of Reference  
AR | CH | EN | FR | RU | ES



Guidelines on how to establish a National Soil Laboratory Network  
AR | CH | EN | FR | RU | ES

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# National networks in the Asian region

- **Not established yet** (different reasons/conditions) – We can help you
  - Low number of laboratories operating in the country
  - Communication problems
  - Lack of knowledge
  - Need of financial resources
- **Under establishment** – Any updates?
- **Established** - Any updates?

**Please encourage all the laboratories in your national network to register in GLOSOLAN, so they can be informed on the global activities**





Food and Agriculture  
Organization of the  
United Nations

**SEALNET**  
ASIAN SOIL LABORATORY NETWORK

***Thanks for your attention***

