



Food and Agriculture
Organization of the
United Nations

7th Meeting of the **Asian Soil Laboratory Network** (SEALNET)

19-20 September 2023

*Towards the promotion of
technical and scientific
collaboration in Asia*

Lucrezia Caon

*Land Management Officer
FAO Office for Asia and the Pacific*



SEALNET
ASIAN SOIL LABORATORY NETWORK



How can SEALNET
contribute/collaborate to other
initiatives ongoing in the Asia-Pacific
region?

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Asian knowledge hub on sustainable soil and land management

Share, Learn, Inspire

Asian knowledge hub on sustainable soil and land management

Share, Learn, Inspire

Objectives

- To facilitate the exchange of knowledge and experiences on sustainable soil and land management in the Asian region;
- To enhance the capacity of individuals and organizations in implementing sustainable soil and land management practices;
- To facilitate the identification of knowledge and technology gaps that can boost research and development activities;
- To encourage the adoption of proven methods while inspiring innovation in sustainable soil and land management; and
- To support projects' formulation and implementation activities.

A driver for positive change in agricultural and environmental practices

The hub is an integral component of the FAO's strategy to advance sustainable soil and land management in Asia.

It reports and describes **countries' original engagements to assess, monitor, preserve, restore or enhance soil health** over time as well as **United Nations contributions** to the topic in terms of equipment, online applications, certification systems, training systems, awareness raising systems and others. Please note that the hub does not report about projects and research studies.

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The information in the hub were collected using a participatory approach involving the public sector, non-profit sector, academic and research institutions and intergovernmental organizations, and they are meant to support the work of a large range of stakeholders including farmers, local communities, extension agents, policy makers, project managers, researchers and academia, and even the private sector.

Being an open-access, live tool, stakeholders have the ongoing chance to submit contributions to FAORAP for review and potential incorporation into the hub.

Please contact Ms Lucrezia Caon, Land Management Officer, FAO Office for Asia and the Pacific (lucrezia.caon@fao.org) for more information about it.

Note: The online platform hosting the hub is currently under development.

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The hub has information organized into five categories depending on their core scope:

SCOPE 1: Soil assessment, monitoring and mapping, including soil sampling, soil analysis, data analysis and interpretation, and digital soil mapping;

SCOPE 2: Policy, including charters, guidelines and recommendations developed to support countries on policy development. Instruments to support countries on achieving and reporting on international targets are also reported under this scope;

SCOPE 3: Investment, intended as actions and tools that trigger investments at the national, regional and global levels;

SCOPE 4: Field activities, including capacity building activities for the transfer on knowledge, data, information and technology to farmers and other land users; and

SCOPE 5: Communication, including awareness raising, technical and scientific cooperation, and networking activities.

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Asia-Pacific Symposium on
Agrifood Systems
Transformation

Digital Agriculture
Solutions Forum for Asia
and the Pacific (DASF
2023)

Webinar series on the Asian Knowledge Hub on Sustainable Soil and Land Management

07/09/2023-22/12/2023 **Virtual, Bangkok, Thailand**



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WEBINAR SERIES

Asian knowledge hub on sustainable
soil and land management

Share, Learn, Inspire



Webinar on “Labs and kits: insights on soil analysis”

Date: 7 and 8 November 2023

Time: from 1 to 3PM GMT+7 (Bangkok time)

Platform: Zoom©

Language: English

Webinar’s objectives

- 1.To break preconceptions and myths around soil analysis;
- 2.To support countries on the development of reliable soil testing kits (STKs) by closing the gap between STKs and soil laboratories;
- 3.To initiate the discussion on soil testing kits harmonization at the regional level;
- 4.To encourage critical thinking regarding the integration of soil analysis in project formulation and execution; and
- 5.To collaboratively brainstorm regional essential tools for leveraging soil data to attract investments.

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CESRA

Center of Excellence for Soil Research in Asia

[🏠](#) > [About CESRA](#) > [What Is CESRA](#) > [CESRA Objective](#)

CESRA Objective

CESRA will promote the practice of SSM in Asian countries (as defined in the Soil Atlas of Asia) by implementing the principles of the revised World Soil Charter and the recommendations in the Voluntary Guidelines for Sustainable Soil Management (VGSSM). Soil experts from all countries in the region (see Figure 1) will meet at CESRA to share knowledge and experience, contribute to research and development, foster technical cooperation, build their capacities on SSM, develop case studies and ultimately provide sound scientific evidences to advise policy-makers at the national and regional level.

The center will serve as the regional hub for advancing targeted soil research based on regional priorities to inform decision-making. The activities in the work plan of CESRA will be aligned to regional and global priorities as identified in the regional implementation plan of the ASP and in the global implementation plans of the GSP. In this regard, the GSP will provide technical support and guidance to the Centre and facilitate the establishment of South-South cooperation agreements as well as promote technical and scientific cooperation between Asia and other regions. CESRA will report its activities to the GSP Plenary Assembly.

2

Support national policy development and implementation efforts



Boosting soil health in Asia

**Reference document for the development of
National Soil Strategies**

*Food and Agriculture Organization of the United Nations, Regional Office for Asia
and the Pacific*

*Draft 0
28 August 2023*

Need to assess the impacts of soil health and sustainable soil management in order to mainstream them into national policies, increase investments at the national level and ensure the long-term implementation of activities in the field

2023





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Thanks for your attention

