



Food and Agriculture
Organization of the
United Nations

7th Meeting of the International Network of Soil Information Institutions (INSII)

09-10-11
November
2021

Online
meeting

9th GSP Plenary Assembly
Mr Luca Montanarella (Chairperson)



9th GSP Plenary Assembly

8-10 September 2021

Online

Ninth Plenary Assembly of the Global Soil Partnership



September 2021



Global Soil Partnership Plenary Assembly

Ninth session

Virtual, 08-10 September 2021

Progress of the GSP Technical Networks: for information and decision
(GSPPA: IX/2021/9)

Executive Summary

- The International Network of Soil Information Institutions (INSII) is the network coordinating all soil mapping/information activities under the aegis of the Global Soil Partnership (GSP). Its ultimate goal is the establishment of the Global Soil Information System (GloSIS).
- The GSP Secretariat and INSII have developed and successfully tested the country-driven approach for GloSIS global soil information products. This approach places emphasis on country-level activities and soil information and data ownership. The GLOSI country driven global datasets include the Global Soil Organic Carbon Map (GSOCmap), the Global Soil Salinity Map (GSSmap), the Global Soil Organic Carbon Sequestration Potential Map (GSOCseq), the Global Black Soil Distribution Map (GBSmap) and the Global Soil Erosion Map (GSERmap).
- GSOCmap was released in 2017 and updated in 2019 and 2020. Other products are currently in different stages of development: GSOCseq is being launched during this 9th GSP Plenary Assembly, while the GSSmap will be launched in October 2021.
- To date, the GSP's Soil Information and Data Capacity Development Programme has reached more than 1000 national experts from 140 countries with training sessions on soil data management, digital soil mapping, soil modelling and product oriented (GSOCmap, GSSmap, GSOCseq, GBSmap).
- The Global Soil Laboratory Network (GLOSOLAN) was established in 2017 to build and strengthen the capacity of laboratories in soil analysis and to respond to the need for harmonizing soil analytical data. The network is currently made up of around 700 soil laboratories operating in more than 150 countries.
- During 2020 and 2021, the Regional Soil Laboratory Networks (RESOLANs) of Africa, Asia, Eurasia and Europe, Latin America, and the Pacific organized their annual meetings and revised

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GSPPA-IX/21/Report

Ninth Session of the Global Soil Partnership Plenary Assembly

Rome, Italy, 8-10, September 2021



Food and Agriculture Organization
of the United Nations



9th PA Decisions - GloSIS Development

- The PA acknowledged the efforts made by INSII members in raising awareness on ***data-driven and evidence-based decision-making***;
- The PA also recognized the importance of ***capacity development***;
- The PA called on donors to continue to ***invest in capacity building and development of GloSIS*** and National Soil Information Systems, especially in developing countries.

9th PA Decisions - GloSIS Data products

- The PA encouraged members to prepare national maps according to the technical specifications provided by INSII;
- The PA also approved the start of the preparation of the global maps on soil erosion and on soil nutrient maps as part of the INSII work plan for 2021/2022;
- The PA acknowledged the progress made in the development of the Global Soil Salinity Map (GSASmap) and the Global Black Soil Distribution Map (***GBSmap***), and encouraged the remaining countries to contribute to these initiatives;
- The PA also welcomed the launch of the **Global Soil Organic Carbon Sequestration Potential Map (GSOCseq)** and acknowledged the in-kind effort of all members and partners in preparing this key product and encouraged them to make use of it.

9th PA Decisions - Governance



- The Pillar 4 Implementation Plan expired in 2020 and extended until the 9th GSP PA;
- The 8th GSP Plenary Assembly extended the Pillar 4 implementation period until the 9th GSP Plenary Assembly and mandated INSII for the further steps;
- New P4IP development paused for the plenary discussion of the new **GSP Action Framework** [\(GSPPA:IX/2021/2 – 2.1 & 2.2\)](#).

9th PA Decisions - Governance

- The PA agreed that the OEWG to be established (mentioned in GSP 9th PA Item 2: Implementation of the Recommendations of the GSP Evaluation (GSPPA: IX/2021/2)) will address cross-cutting issues of the GSP Action Framework such as soil governance, awareness raising, **and soil information and GloSIS**, to provide a common approach and vision;
- The new Action Framework including **GloSIS vision and governance will be submitted to the 10th GSP PA for endorsement**;
- In the meantime, the PA agreed to continue with the preparation of the country-driven global mapping products that were endorsed by the PA.



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