



Food and Agriculture
Organization of the
United Nations

GLOBAL SOIL PARTNERSHIP 10th Plenary Assembly



23-25
May 2022
VIRTUAL
MEETING

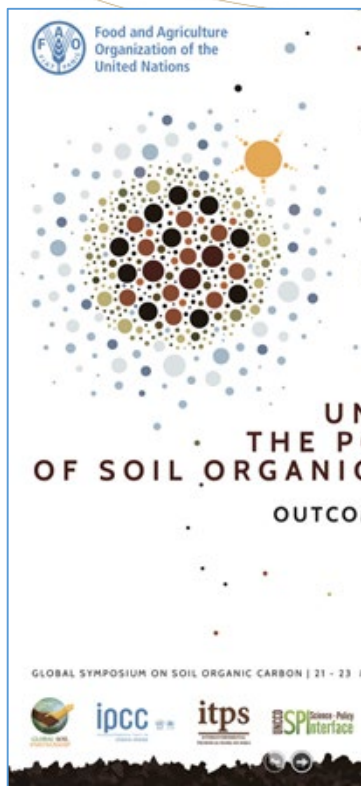
Status about Global Symposia

Vinisa Saynes Santillán



Global Symposia organized by GSP / ITPS

Soil Organic Carbon (2017)



Soil Erosion (2019)



Soil Salinity (2021)



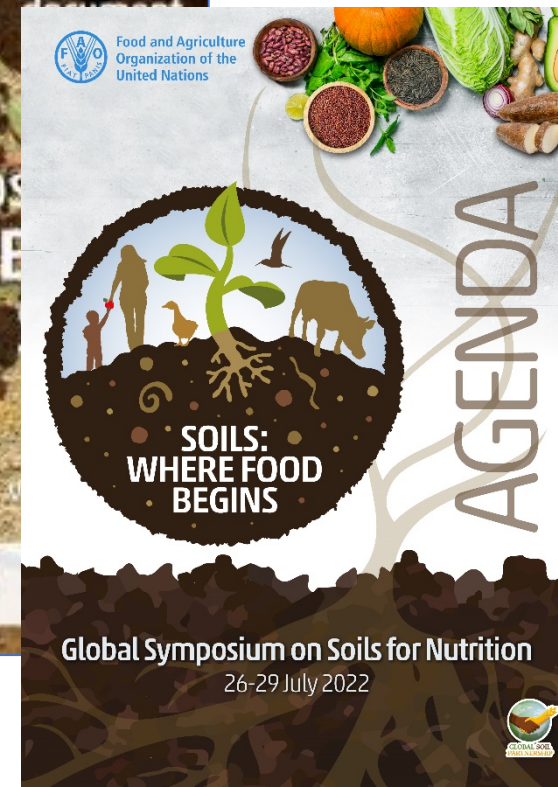
Soil Pollution (2018)



Soil Biodiversity (2021)



Soils for Nutrition (2022)



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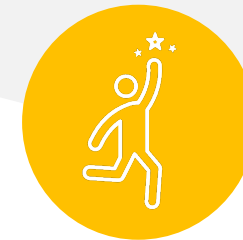
The Global Symposium on Soils for Nutrition (GSOIL4N)

26-29 July, 2022.
Virtual format



Aims to:

Review the state of the art on the role of soil fertility in delivering sufficient, high quality, safe, and more nutritious food for better nourished plants, animals, and people.



It is expected to:

Identify critical knowledge gaps and provide the basis for discussion among key stakeholders on the:
Creation of solutions that can provide more nutritious food
Enhanced One health
Protecting the environment.





The four themes of the GSOIL4N

1 Status and trends of global soil nutrient budget; Soil nutrients for production



- Assessing, mapping and monitoring soil nutrients
- Applications of soil fertility data/information for decision making
- State of the art on the availability of soil nutrients/fertilizers

2 Sustainable soil management for food security and better nutrition

The nutrients we need are in soils!
Soil nutrients for one health



- Nutrition sensitive agriculture
- Innovations on sustainable soil management and soil fertility
- Soil micronutrients and human health

3 Impacts of soil nutrient management on the Environment and climate change

Why misuse and overuse of nutrients pollute and worsen
climate change?
Soil nutrients and the environment



- Status of soil, water, and air pollution derived from the overuse or misuse of fertilizers
- The role of fertilizers on climate change
- Fertilizers quality and its role in food safety and pollution

4 Governance of soil fertility/soil nutrients Why should soil properties be in our policies and laws? Soil nutrients for people



- Policies to improving soil fertility by SSM.
- Implementation of normative tools- Code Fertilizers
- Gender sensitive tools and methods in fertilization programmes



Call for abstracts



Alianza Mundial por el Suelo

	Contexto	Socios	Las Alianzas Regionales	Grupo Técnico Intergubernamental	Technical networks	Areas of work	Recursos
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Publicaciones
Videos y animaciones
Material de comunicación
Soil Doctor posters
Galería de fotos
Eventos de la AMS
Destacados

Global Symposium on Soils for Nutrition

[REGISTER HERE](#)

The Global Symposium on Soils for Nutrition - "Soils, where food begins" will be held in a virtual format from 26 to 29 July 2022. Organized by the Food and Agriculture Organization of the United Nations, and its Global Soil Partnership (GSP), the symposium will bring science and policy together to review the status and challenges of soil fertility in relation with crop, animal and human nutrition.



OBJECTIVES

The main objectives of the Symposium are to review the state of the art on the role of soil fertility in delivering sufficient, high quality, safe, and more nutritious food for better nourished people, animals and plants. The Symposium is expected to identify critical knowledge gaps and provide the basis for discussion among policymakers, food producers, scientists, the fertilizer industry, practitioners, and other stakeholders on the creation of solutions that can provide more nutritious agri-food systems for enhanced human health and wellbeing while protecting the environment.

PARTICIPATION

Participation to the Symposium is free. Participants will include representatives from UN organizations, FAO members, academia, scientists, practitioners, policy makers, private businesses, research institutes, NGOs, civil society, farmers associations, and

[Registration to the Symposium is open and can be accessed here.](#)

MAIN THEMES AND CALL FOR ABSTRACTS

The Organizing Committee of GSOIL4N is currently accepting abstracts that will compete for oral and poster presentations during this Symposium. The abstracts should be written in English with a maximum of 3 000 characters (without spaces) and submitted directly on the [abstract submission portal](#) by 30 May 2022.

Abstracts should address one of the following symposium themes:

- THEME 1: Status and trends of global soil nutrient budget;
- THEME 2: Sustainable soil management for food security and better nutrition;
- THEME 3: Impacts of soil nutrient management on the environment and climate change;
- THEME 4: Governance of soil fertility/soil nutrients.

If you have any technical problems compiling the information in the abstract submission portal, please email us GSOIL4N@fao.org. The GSOIL4N Scientific Committee will revise all submissions and inform selected authors by 20 June 2022.

FURTHER INFORMATION

If you wish to learn more about the Symposium, check here its [Concept Note](#).

Symposium's Agenda will soon be available.

The official GSOIL4N website is available in the six FAO official languages:

[Arabic](#) | [Chinese](#) | [English](#) | [French](#) | [Russian](#) | [Spanish](#)

Join the conversation using the hashtag: [#Soils4Nutrition](#)

Date 26 Jul 2022 - 29 Jul 2022

Location Virtual event (Zoom)

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GSOIL4N general structure

The Symposium will be held virtually over four days on July 26 - 29, 2022, with an expected participation of representatives from countries around the world.



Opening
session
High-level
speakers

Speakers from co-organizing
institutions



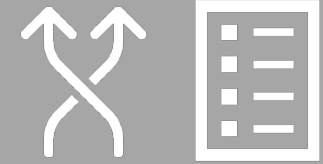
Keynote
speakers

Leading experts
for setting the
scene



Discussion
panels

Multisectoral to address
the four themes and
complement the
scientific insight



Parallel sessions
and posters

Participants to address
the four themes

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Key questions to be addressed

What is the outlook for soil fertility in the face of a challenging global scenario dominated by health crisis, food insecurity, fertilizer crisis, war, migration and poverty?

What are the alternatives to boost soil nutrients?

Do we really need fertilizers to grow crops?

How do fertilizer misuse and overuse impact the environment and cause climate change?

Question 04

What is the insight of the fertilizer industry in the face of a global scenario of underuse, misuse and overuse of fertilizers?

How do policies and governance can support to overcome soil fertility loss and underuse, misuse and overuse of fertilizers?

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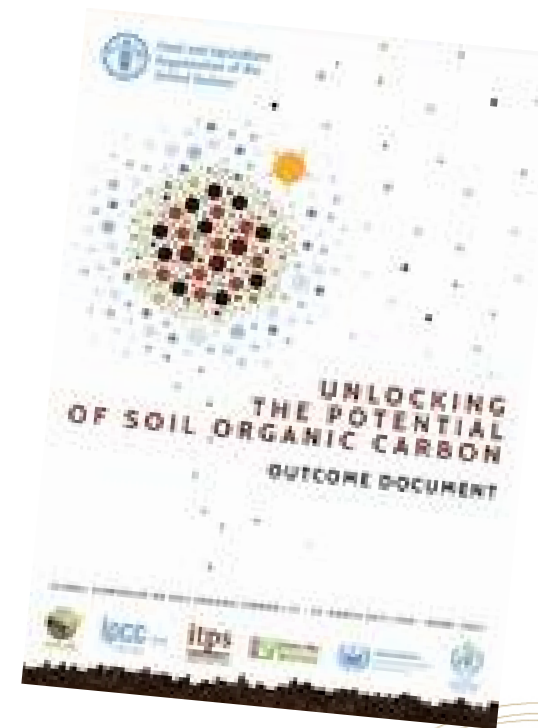
How can the PA support the GSOIL4N organization ?

- ✓ Call for strong dissemination in the Global Symposium on Soils for Nutrition: Soils Where Food Begins to be held on 26-29 July 2022.
- ✓ Actively participate in the submission of abstracts for the four themes of the symposium.
- ✓ Be actively involved and support the Photo-reportage contest on #Soils4Nutrition
- ✓ Encourage countries and other partners to join in the efforts to disseminate and implement the actions indicated in the outcome documents of the GSOIL4N.



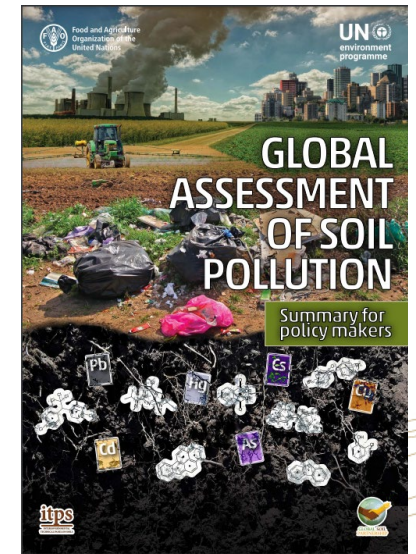
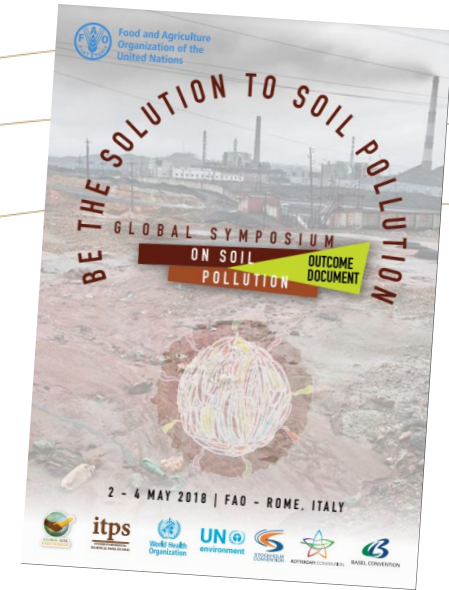
Implementation of the GSOC17

- ✓ 8 recommendations included in the Outcome Document
- ✓ Actions on 8 recommendations taken
- ✓ Global monitoring of SOC done: GSOCmap, GSOCseq map, SOC-MRV Protocol, SOC Technical Manual.
- ✓ Inclusion of SOC loss prevention and management on the Global Soil Doctors programme ongoing
- ✓ Huge potential and demands about **RECSOIL** but resources are needed for effective implementation



Implementation of the GSOP18

- ✓ 8 recommendations included in the Outcome Document
- ✓ Actions on 5 recommendations taken
- ✓ Global assessment of soil pollution published
- ✓ Inclusion of soil pollution prevention and management on the Global Soil Doctors programme ongoing
- ✓ Rest of the activities are taken over by the International Network on Soil Pollution (INSOP)
- ✓ Huge potential and demands but resources are needed for effective implementation





Implementation of the GSER19

- ✓ 6 recommendations included in the Outcome Document
- ✓ No actions has been taken due to lack of resources
- ✓ Global map of soil erosion will be prepared by countries starting from this year
- ✓ Inclusion of soil erosion prevention and management on the Global Soil Doctors programme ongoing
- ✓ Should the Plenary Assembly considers erosion as a priority, financial support is needed



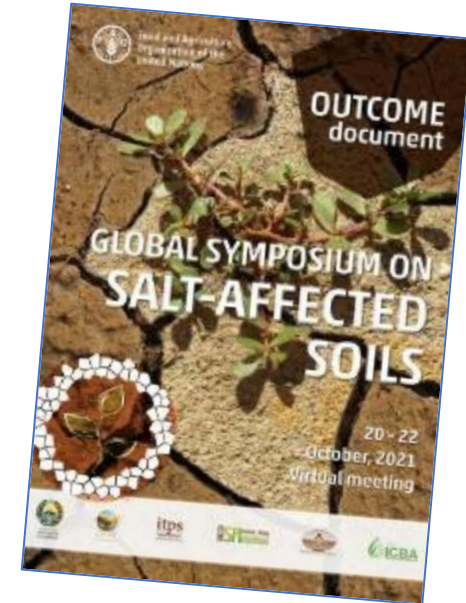
Implementation of the GSOBI21

- ✓ 7 recommendations included in the Outcome Document
- ✓ Actions on 5 recommendations taken
- ✓ Global assessment of soil biodiversity published
- ✓ Inclusion of soil biodiversity loss prevention and management on the Global Soil Doctors programme ongoing
- ✓ All the activities are taken over by the International Network on Soil Biodiversity (**NETSOB**)
- ✓ Huge potential and demands about **GLOSOB**, but resources are needed for effective implementation



Implementation of the GSAS21

- ✓ 9 recommendations included in the Outcome Document
- ✓ Actions on all recommendations are taken by the GSP's International Network on Salt-Affected Soils (INSAS) and other GSP's technical networks where relevant
- ✓ Global assessment of salt-affected soils is under preparation
- ✓ Global map of salt-affected soils (GSASmap) is being updated and populated with missing countries to provide the up-to-date global coverage, work being implemented in close collaboration with the countries
- ✓ The INSAS network and its partners are in the process of mobilising the resources for the implementation of GSAS recommendations. Any donor and in-kind support is welcome.





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