



Food and Agriculture
Organization of the
United Nations

14th Working Session of the Intergovernmental Technical Panel on Soils (ITPS)

itps

INTERGOVERNMENTAL
TECHNICAL PANEL ON SOILS

11 - 13 May 2021 | Virtual meeting



Item 4d: Outcome Document of GSOBI and Way forward

**-Peter de Ruiter
ITPS Chair-Biodiversity
working group**

**-Rosa Cuevas, GSP
Secretariat**



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GSOBI21 attendance

A total of **161 countries** represented

- **DAY1: 4802 participants**
- **DAY2: 3806 participants**
- **DAY3: 3065 participants**



A GREAT OPPORTUNITY FOR SOIL BIODIVERSITY TOPIC !!

Where to start? Framework



CBD



Convention on
Biological Diversity

Distr.
GENERAL

CBD/SBSTTA/24/7/Rev.1
4 December 2020

ORIGINAL: ENGLISH

SUBSIDIARY BODY ON SCIENTIFIC,
TECHNICAL AND TECHNOLOGICAL ADVICE
Twenty-fourth meeting
Venue and dates to be determined
Item 7 of the provisional agenda*

REVIEW OF THE INTERNATIONAL INITIATIVE FOR THE CONSERVATION AND SUSTAINABLE USE OF SOIL BIODIVERSITY AND UPDATED PLAN OF ACTION

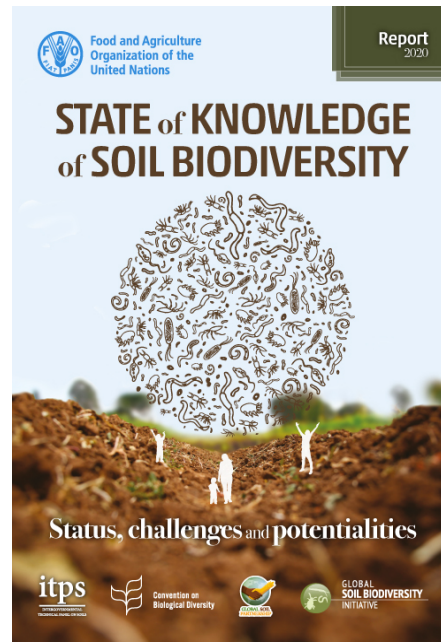
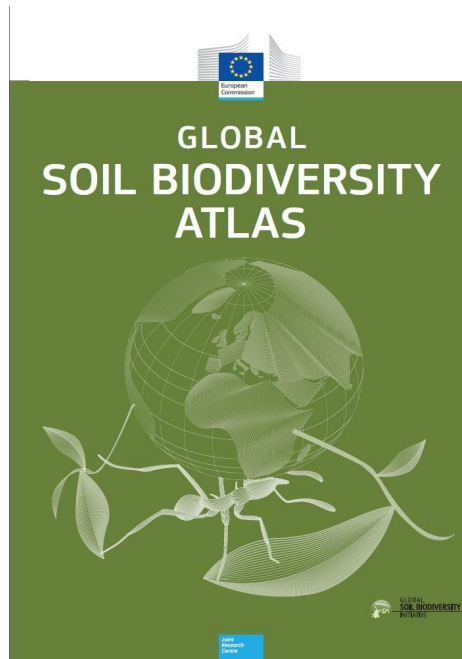
Note by the Executive Secretary

INTRODUCTION

1. In decision [14/30](#), paragraph 24 (b), the Conference of the Parties requested the Executive Secretary to review the implementation of the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity, in consultation with the Food and Agriculture Organization of the United Nations (FAO) under the framework of the Global Soil Partnership (GSP) as well as other interested partners, and present an updated draft plan of action for consideration by the Subsidiary Body on Scientific, Technical and Technological Advice at a meeting held prior to the fifteenth meeting of the Conference of the Parties.



Soil BON



BIODIVERSITY CONVENTION CARTAGENA PROT



Preparations for the Post-2020 Biodiversity Framework

During the fifteenth meeting of the Conference of the Parties to the Convention on Biological Diversity will adopt a post-2020 global biodiversity framework as a stepping stone towards the 2050 Vision of

Keep soil alive, protect soil biodiversity

**GLOBAL SYMPOSIUM
ON SOIL BIODIVERSITY**

**19-20-21-22
April 2021**



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UNDER REVIEW!

Main recommendation: Execute the implementation Plan of the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity and the implementation of the Outcome document, "Keep soil alive, protect soil biodiversity"

- Under the umbrella of the International Initiative for the Conservation and Sustainable Use of Soil Biodiversity, a **Technical Network on Soil Biodiversity (NETSOB)** will be established. The main objective of the NETSOB will be to strengthen the knowledge, conservation and sustainable use of soil biodiversity. Four main themes will be defined: the theme **1** for monitoring, measurement and assessment soil biodiversity; the theme **2** for sustainable use/management and conservation of soil biodiversity, the theme **3** on the economics of soil biodiversity; and the theme **4** on the policies and legal instruments of soil biodiversity.
- An open call will be made to all interested parties (GSOBI21 participants) and experts on soil biodiversity to form the different working groups in relation to the four themes (i.e., monitoring, management, economics, and policies) defined for the NETSOB.

Theme 1 for monitoring, measurement and assessment soil biodiversity

Recommendation 1: Establishment of the Global Soil Biodiversity Observatory

- The main objective of the **Global Soil Biodiversity Observatory (GLOSBO)** will be to strengthen the knowledge in all groups that form soil biodiversity (microbes, micro, meso, macro and megafauna). The GLOSBO areas of work should include/strengthen: taxonomy, novel technologies, standard operating procedures (SOPs), mapping, soil health indicators, bioremediation and restoration, and soil microbiome.

Recommendation 2: Create an expert and multi-stakeholder working group to develop guidelines for measuring, assessing and monitoring (MMA) soil biodiversity

- **The main objective of the MMA soil biodiversity guidelines will be to provide the latest knowledge on how to monitor, measure and assess soil biodiversity data/information in a harmonized way. The guidelines should include ad hoc standard field and laboratory protocols for measuring biological activity and biological diversity (including novel technologies), ad hoc standard protocols for mapping soil biodiversity at farm and national scale (with an emphasis on hot spots and not studied areas), ad hoc standard protocols to analyse soil biodiversity data/information.**

Recommendation 3: Develop and implement a capacity development programme on soil biodiversity including national assessments, monitoring, good practices and restoration

- **This applies to all UN member countries in need of such capacity. Priority should be given to countries lacking national information on soil biodiversity and using global datasets with focus on areas where data is missing. Developing monitoring systems for water, wind and tillage erosion would enable countries to obtain proper data and reduce the uncertainties and inaccuracy in existing global data.**

Theme 2 for sustainable use/management and conservation of soil biodiversity

Recommendation 4: Establish a working group to develop a Field Manual on Soil Biodiversity Management for addressing soil biodiversity loss/conservation

- **The main objective of the Field Manual on Soil Biodiversity Management will be to strengthen the knowledge on how to manage/use soil biodiversity in a sustainable way. The Field Manual will be addressed to farmers and project developers, and should contain the best available sustainable soil management (SSM) practices to manage/conservate soil biodiversity, including testimonies and case-studies.**

Recommendation 5: Develop a Technical Booklet about the main soil-borne diseases

- **The main objective of the Technical Booklet will be to identify the main soil-borne diseases and how to combat them. The Technical Booklet will be addressed to farmers and project developers, and should contain the main soil-borne diseases per region including case-studies.**

Theme 3 on the economics of soil biodiversity

Recommendation 6: Create an expert and multi-stakeholder working group on the economic valuation of soil biodiversity

- **The main objective of this working group will be to develop an economic valuation of the ecosystem services provided by soil biodiversity. The economic valuation will be addressed to policymakers, project developers, environmental economists, and researchers and should contain the results of a global questionnaire on the state of the art of economic valuations of ecosystem services and economic valuation of the ecosystem services provided by soil biodiversity, and of the negative externalities produced by the agricultural sector.**

Theme 4 on the policies and legal instruments of soil biodiversity

Recommendation 7: Implement an action plan on the assessment of effective policies and legal instruments to control of soil biodiversity loss

- **The main objective of this an action plan will be to assess policies and legal instruments to control of soil biodiversity loss in countries. The action plan will be addressed to policymakers, project developers, environmental economics, politicians, and researchers. In addition, should contain the results of a global questionnaire on the state of the art of policies and legal instruments to control of soil biodiversity loss, to analyse major gaps on the development/implementation of policies regarding the control of soil biodiversity loss at global, regional and national levels, and to feed SoiLEX database.**



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Proceedings

Keep soil alive,
protect soil
biodiversity

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**Proceeding are in process
and will include abstracts
from oral presentations and
posters !!**



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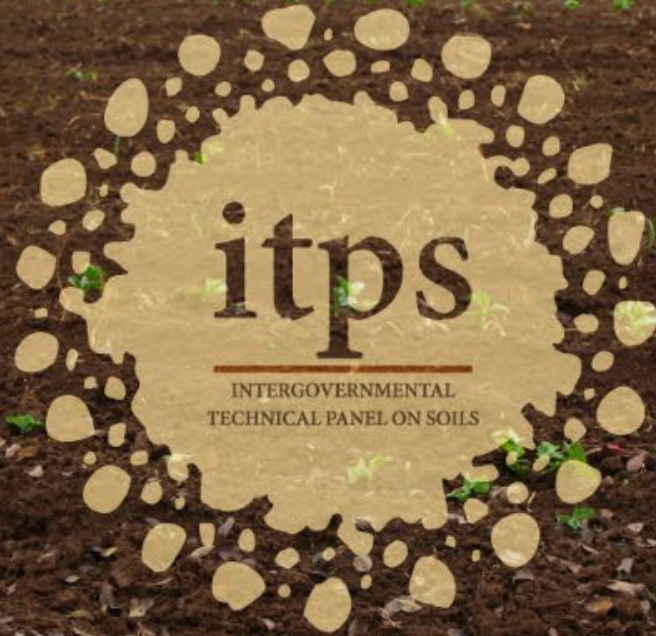


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