



Food and Agriculture
Organization of the
United Nations

GSP (aof) - Soil Information and Data

Isabel Luotto

7th NENA Soil Partnership Meeting

22-23 March 2022



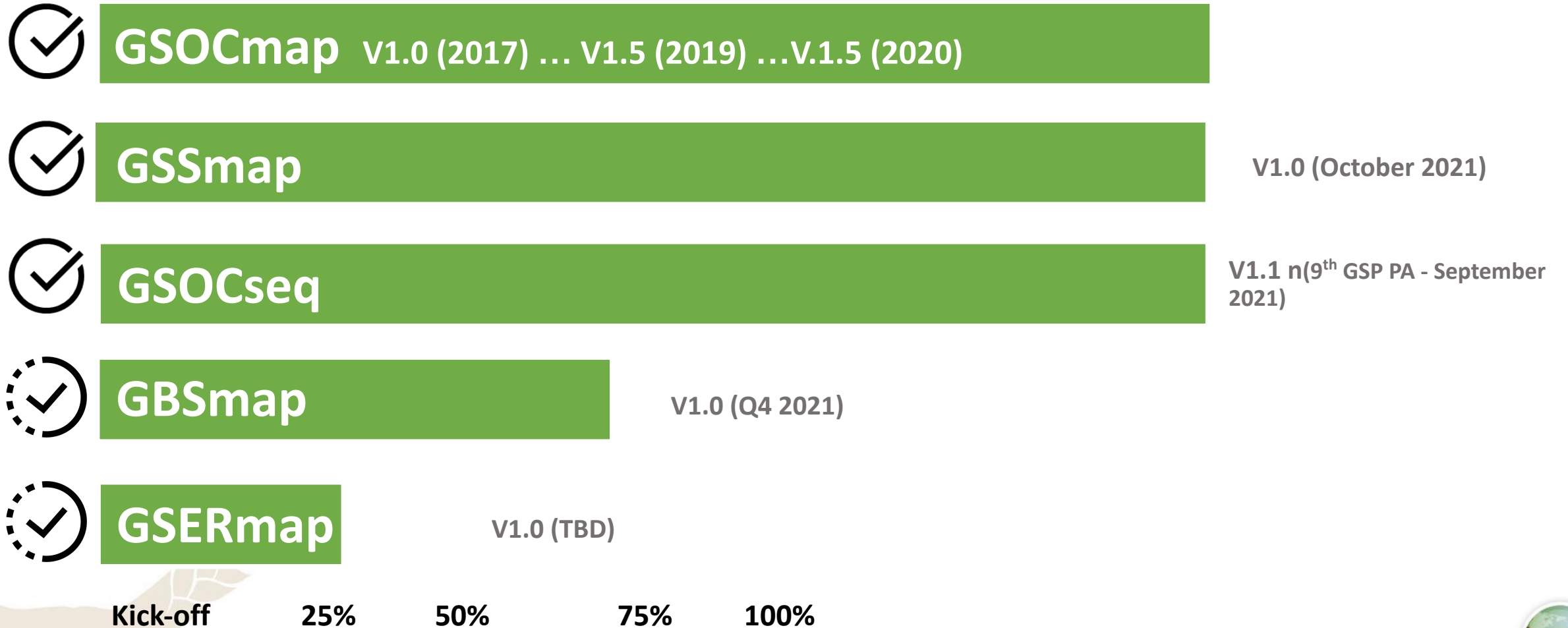


Area of Work:
Soil Information & Data
(SID)

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GloSIS Country-driven Global Data Products



Global Soil Organic Carbon Sequestration Potential Map - GSOCseq v1.1 - Capacity Development

- **Two regional trainings** to model and map SOC sequestration potential under the GSOCseq framework were organized and attended by over **50 participants** and **20 countries**
 - NENA Regional GSOCseq Training (30 Nov - 4 Dec 2020)
 - NENA TCP GSOCseq Training (21-25 Feb 2022)



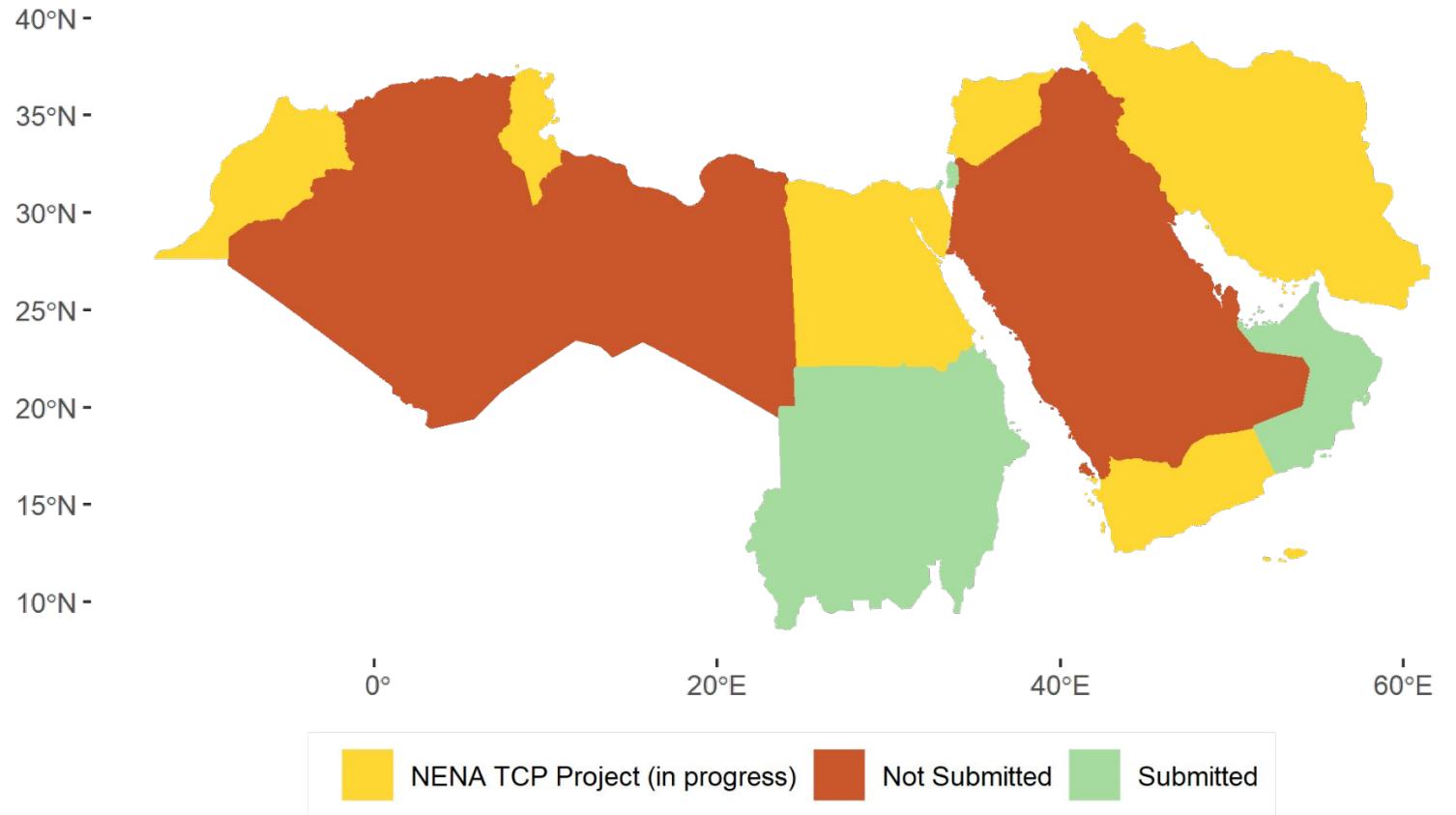
Global Soil Organic Carbon Sequestration Potential Map - GSOSeq v1.1 - Working Group

- A thematic working group was established for the GSOSeq early this year to:
 - contribute to key GSOSeq publications
 - consolidate a way forward for improvements through future version of the GSOSeq
- A first meeting was held on February 18/22



Global Soil Organic Carbon Sequestration Potential Map - GSOCseq v1.1 - Submissions

- **4 NENA countries have submitted** a national GSOCseq product (Oman; Palestine; Sudan; United Arab Emirates)
- **6 NENA TCP project countries are currently generating** a GSOCseq product (Iran; Lebanon; Morocco; Syria; Tunisia; Yemen)



Source: UN, 2020. Map of the World, United Nations.

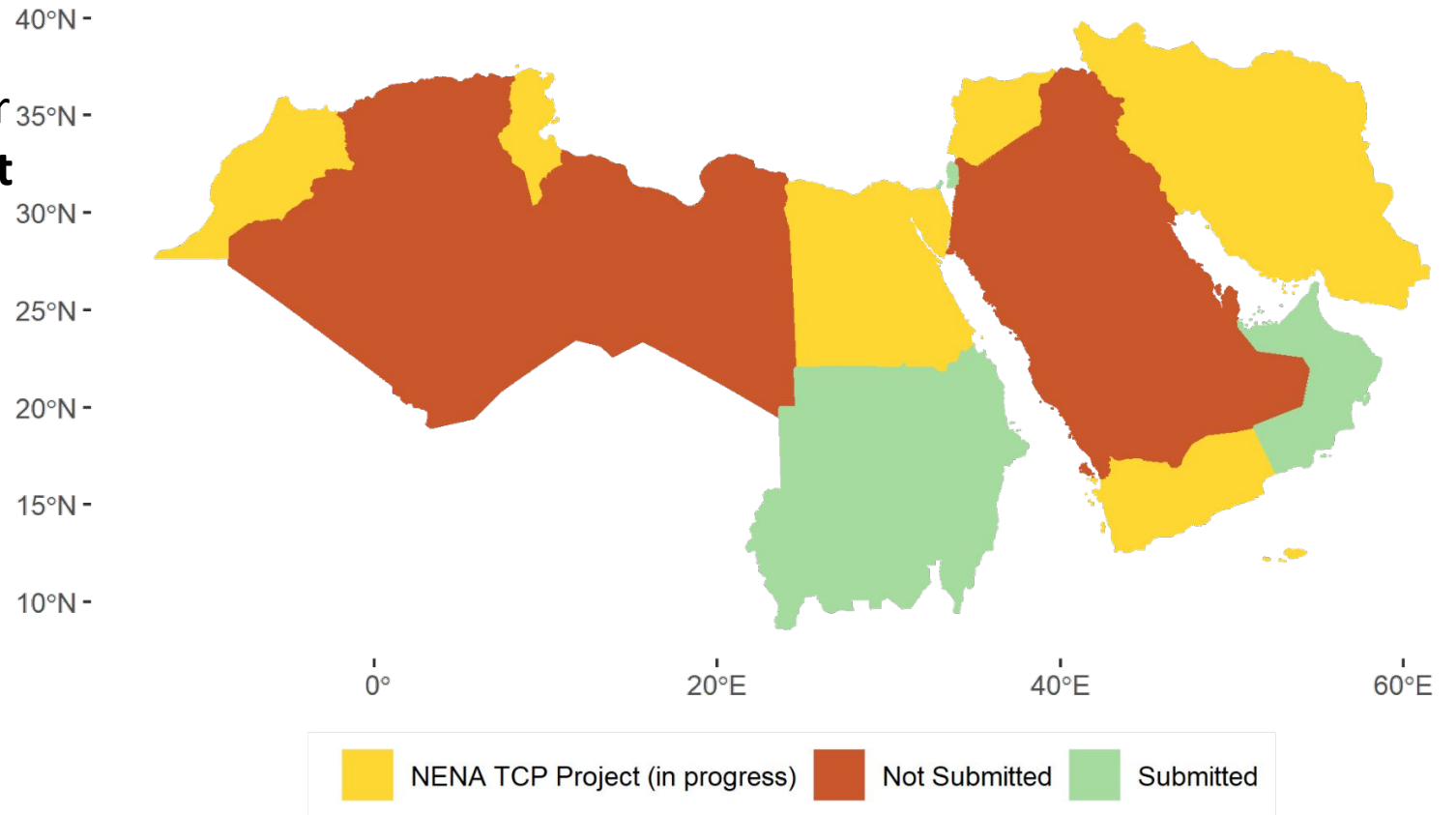
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Global Soil Organic Carbon Sequestration Potential Map - GSOCseq v1.1 - **Actions Needed**

National Experts who are working or haven't yet started **should reach out to** (Isabel.Luotto@fao.org)

- **report on progress**
- **seek technical support** (i.e. troubleshooting scripts, running the model)



Source: UN, 2020. Map of the World, United Nations.

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Global Salt-Affected Soils Map (GSASmap v1.0)

- Capacity Development

- A regional workshop was held in person in 2019 attended by 25 participants from 14 countries (28 November - 3 December 2019)
- A regional training under the NENA TCP project of country experts was held in 2022 and attended by 27 experts from 8 countries (7-11 February 2022)



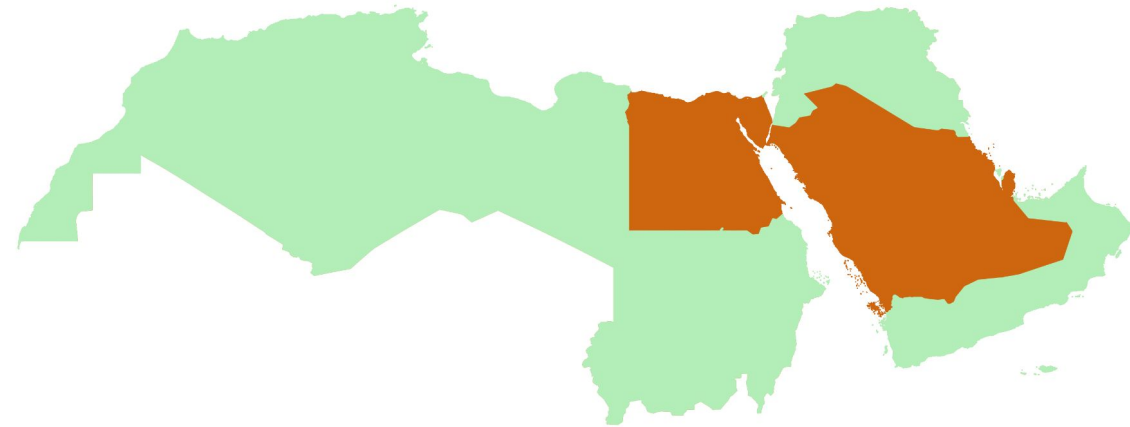
Global Salt-Affected Soils Map (GSASmap v1.0)

- Submissions

By March 2022, **16 countries** have submitted their maps (See attached) and included in the GSASmap

National Experts who are working or haven't yet started **should reach out to** (Christian.Omuto@fao.org)

- **report on progress**
- **seek technical support** (i.e. troubleshooting scripts, running the model)



Submitted
Not submitted

Global Salt-Affected Soils Map (GSASmap v1.0)

- Actions Needed

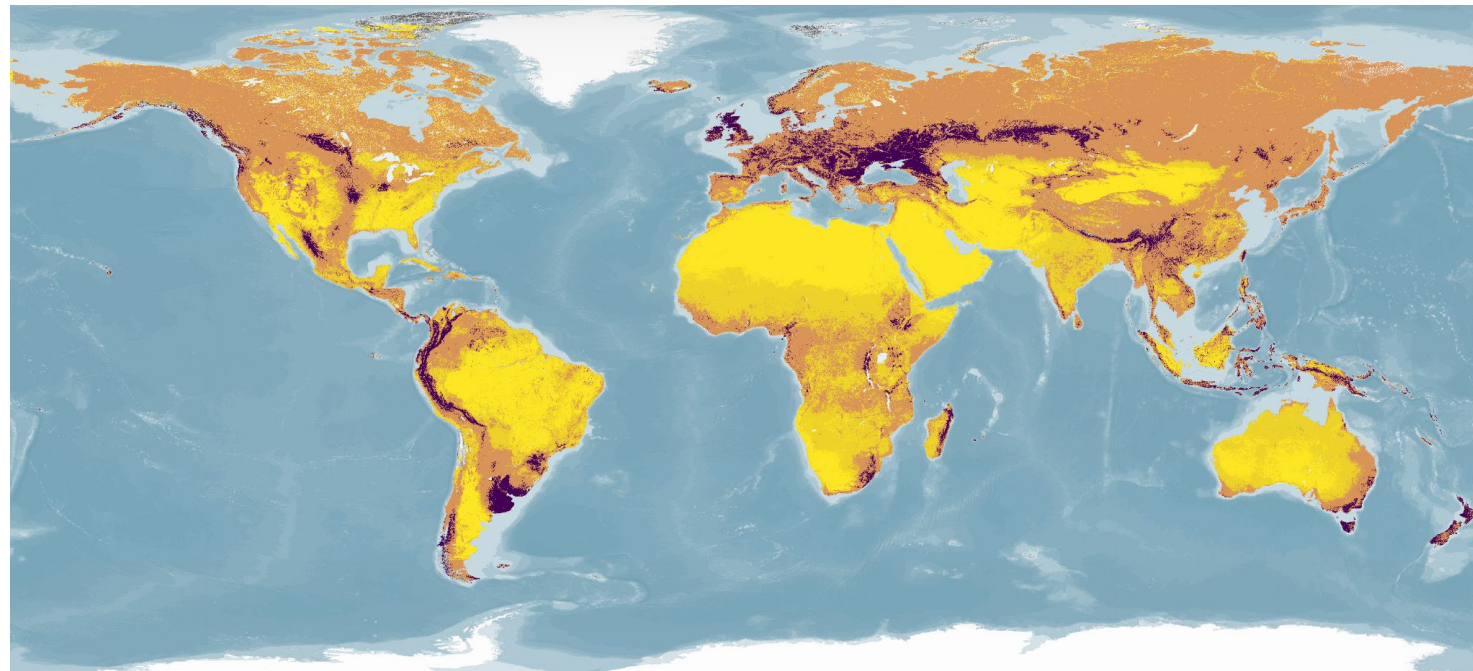


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Global Black Soil Distribution Map (GBSmap)

- Black soils are the world's most productive and fertile soils, making them the world's food basket. They must be safeguarded. Together with GSP, the International Network of Black Soils (INBS) is leading this endeavour.
- In order to know their spatial distribution, we developed a methodology, a technical manual and delivered international trainings to assist INBS member countries to map the distribution.



Global Black Soil Distribution Map (GBSmap)

- Milestones

- **Technical manual and an international training** were delivered
- Global report on the status of Black Soils of the world is being produced and will be delivered by May 23th.
- **1 NENA country has submitted** a national GBSmap product (Syria)

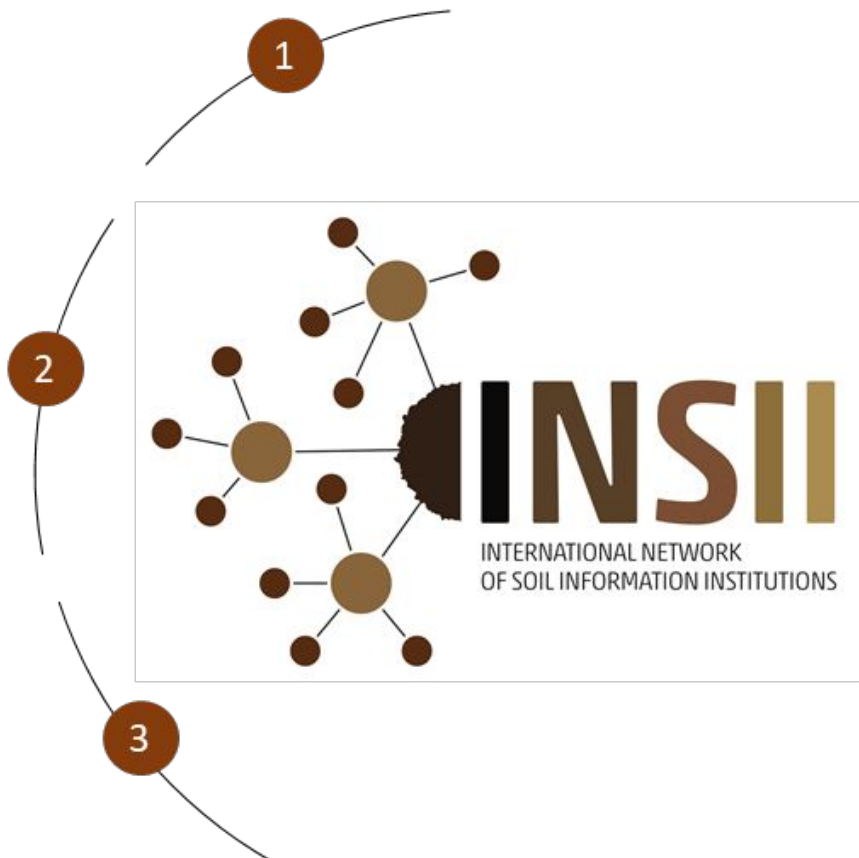


The International Network of Soil Information Institutions (INSII)

is composed by nationally mandated institutions and GSP partners developing the Global Soil Information System (GLOSIS).

Main Functions:

- 1 Identify and nominate National Experts to support the efficient implementation of the SID Activities
- 2 Provide access to soil geographic information in order to populate the products of the Global Soil Information System (GloSIS) under specified conditions.
- 3 Support the process by providing overall guidance and advising on matters related to funding and implementation of actions.



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International Network of Soil Information Institutions (INSII)

National Focal points are kindly invited to confirm that the current contact Network for INSII is up to date and complete:

<https://docs.google.com/spreadsheets/d/1WLFy34ucMNXpSF-8lbldheGD0RKYZ5Djv6lw5xC-mc/edit?usp=sharing>

Countries that still have to nominate their experts in INSII :

- Egypt
- Kuwait
- Libya
- Qatar
- Saudi Arabia
- United Arab Emirates

National focal points are kindly asked to nominate their experts to serve in INSII at the following link:

<https://forms.gle/u3EuzDWvtnbc2VLp9>





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