

5<sup>th</sup> Meeting of the  
**Global Soil Laboratory  
Network**  
(GLOSOLAN)

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# European and Eurasian Soil Laboratory Network

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# GLOSOLAN

GLOBAL SOIL LABORATORY NETWORK

# Regional priorities and needs

- Online survey – 9 EU countries, Russian Federation, Serbia and Turkey
- Representativeness – does it reflect all essential needs regarding the area covered?
- Benefits of participating in GLOSOLAN
  - Training opportunity and share knowledge
  - GLOSOLAN activities enables discussion on common challenges and dissemination of information

## TASK 1

Enhancing the interest and the participation on EUROSOLAN communications

# EUROSOLAN main needs

- Adoption of more modern methods for soil analysis
- Harmonizing SOPs
- Perform QC/QA procedures – accreditation
- Training on laboratory staff

## TASK 2

Conducting comparative studies on the harmonization of methods and the search for transfer functions (by analogy with Tyurin's method) with the subsequent preparation of scientific articles for a wide range of scientists.

# Current situation

- 40 % of labs participating in the survey DO NOT join any Proficiency Test (PT)
- Important strength of EUROSOLAN – 27 % of labs (which practice PTs) are PT organizers

## TASK 3

Providing assistance in the organization or/and participation in Proficiency Tests

# Trainings and consulting

- Training topics have been already well foreseen by GLOSOLAN
  - SOPs
  - QC/QA and laboratory management
  - Novel analytical methods (soil spectroscopy) and modern instruments and equipment
  - Consulting and supervising in establishing a soil laboratory (an example of the collaboration of Komi Scientific Center of the Ural Branch (Russian Federation) and the State Unitary Enterprise, Uzbekistan).

## TASK 4

- Preparation of SOPs, videos and trainings on the methods used in the Russian Soil School (in Russian and English).
- To overcome the language barrier, gain experience in the preparation of various GLOSOLAN products (SOPs, videos, trainings, etc.) in Russian.

# Support from the national and regional governments

- Moderate to low
- High expectations of EUROSOLAN to improve the communication and support

## TASK 5

- Implementation of various advisory assistance in the organization of new chemical laboratories (selection of equipment, bases of chemical reagents, advice on the accreditation of laboratories, face-to-face and remote excursions to existing accredited laboratories, exchange of experience, etc.).
- Concrete and permanent dialogues established by “country-based evaluation of the soil lab diversities (university-public-private-...)” between central governments and the laboratories.



Food and Agriculture  
Organization of the  
United Nations

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**GLOSOLAN**  
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Thank you from the EUROSOLAN  
group !

