The European and Eurasian Soil Laboratory Network

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EUROSOLAN vice-Chair for European countries:
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EUROSOLAN vice-Chair for Eurasian countries:
Elena V. Shamrikova (Russian Federation)
National Soil Laboratory Networks in focus

• NASOLANs: establishment and activities
• Dissemination: internet, meetings, conferences, research articles
• An example from RUSOLAN: Flyer produced with the support of sponsor
Soil laboratories and national government: bridging the gap

National Soil Laboratory Networks

- how to strengthen the collaboration and communication between laboratories and national Focal Points/governments
- Resource mobilization
- Improvement of national soil legislation systems (soil import, waste management and disposal, drainage system, etc.)
Belgian Soil Laboratory Network (BESOLAN)

- A regional network has been established in the Walloon region, since 1989 and in the Flemish Region since 1991. BESOLAN also includes Luxembourg.
- An introduction webinar to BESOLAN was organized on 21.03.2022.

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| Reference laboratories | ✓ Vlaamse Instelling voor Technologisch Onderzoek (VITO) | ✓ Institut Scientifique de Service Public (ISSeP) ✔ GxABT, Liege University, Axe Echanges Eau-Sol-Plante, Laboratoire d’encadrement référentiel - Qualité des Sols ✓ Wallonie recherche CRA-W, Laboratoire d’encadrement référentiel - Qualité Alimentaire Technique NIR et Nitrates dans les sols ✓ UCLouvain, Laboratoire d’encadrement référentiel - Qualité Microbiologique et Qualité Minérale et Organique | ✓ GxABT, Liege University, Axe Echanges Eau-Sol-Plante - Gembloux |

| BESOLAN coordinators | ✓ Vlaamse Instelling voor Technologisch Onderzoek (VITO) - Mol | / | ✓ GxABT, Liege University, Axe Echanges Eau-Sol-Plante - Gembloux |
Hungarian Soil Laboratory Network (HUNSOLAN)

Established in February 2021
NUMBER OF MEMBERS: 34

REFERENCE LABORATORY: National Food Chain Safety Office Food Chain Safety Laboratory Directorate Plant Protection and Soil Conservation National Reference Laboratory, Soil Conservation Department (Velence)
RUSSIAN SOIL LABORATORY NETWORK (RUSOLAN)

Established on 29 April 2022
NUMBER OF MEMBERS: 13

REFERENCE LABORATORY: Ecoanalytical laboratory of the Institute of Biology of Komi Scientific Center of the Ural Branch of the Russian Academy of Sciences
TURKIYE NATIONAL SOIL LABORATORY NETWORK (TADLAB)

- Established in 2013
- NUMBER OF MEMBERS: 175

REFERENCE LABORATORY

Soil and Fertilizer Laboratory of the Department of Soil Science and Plant Nutrition, Faculty of Agriculture

Ministry of Food Agriculture and Livestock General Director of Agricultural Research and Policies Soil Fertilizer And Water Resources Central Research Institut
Under establishment

- Austria, Croatia, Greece, Italy, Kazakhstan, The Netherlands, Turkmenistan, Slovakia, Spain, Ukraine, Uzbekistan

no NRL nominated yet

EUROSOLAN members participate in international conferences and workshops to spread information about the global network:

- The international scientific conference on sustainable management of land resources and biodiversity SERBEMA-2022, Tashkent, Uzbekistan (12-13.04.2022)

- Workshop on the tools of the Global Soil Partnership in support to the Central Asia Countries Initiative for Land Management Ashghabat, Turkmenistan (17.08.2022)
GLOSOLAN – key communication issues

Results of the survey among EUROSOLAN members that was launched back in September, 2022 on the activities of laboratories

203 laboratories (November 2022)
Have you ever advertised GLOSOLAN and RESOLANs/NASOLANs at international meetings/conferences?

- 88%: Yes
- 9%: No, I had the opportunity to present about GLOSOLAN/RESOLAN/NASOLAN but I did not feel like doing it. I was not sure about the relevance and added value of GLOSOLAN
- 3%: No, I never had the opportunity
Have you ever discussed GLOSOLAN and RESOLANs/NASOLANs in articles published on national and/or international journals?

- Yes
- No, but I am writing an article citing GLOSOLAN/RESOLAN/NASOLAN
- No, I did not know that I could talk about GLOSOLAN/RESOLANs/NASOLANs in scientific articles
- No, I do not publish on scientific journals
- Other
Are technicians at your laboratory informed on GLOSOLAN activities?

- 9%: No, information are kept at the management level
- 17%: Yes, laboratory technicians are informed about GLOSOLAN but we do not organize any internal, special meeting on it. Information are spread by voice or email.
- 74%: Yes, we organize regular internal meetings on GLOSOLAN to inform technicians on the new publications of the network and its latest training and job opportunities
• EUROSOLAN, as a regional branch of the global network, sees great prospects in developing cooperation with other RESOLANs (not only in the preparation of agreed SOPs).

For example, through joint scientific research aimed at harmonizing methods. With the subsequent publication of scientific results in the open press, such as

Joint efforts of EUROSOLAN and SEALNET and North America in the harmonization of methods for measuring soil organic carbon.
Thank you for your attention on behalf of the EUROSOLAN members!!