



Food and Agriculture
Organization of the
United Nations

5th Meeting of the European and Eurasian Soil Laboratory Network (EUROSOLAN)

18-19 October 2023

In-person training in Uzbekistan on
the determination of salt-affected
soils

Giorgi Ghambashidze



EUROSOLAN
EUROPEAN AND EURASIAN SOIL LABORATORY NETWORK



Training venue

- **The second plenary meeting of the International Network of Salt-Affected Soils and the training of the Global Soil Laboratory Network on salt-affected soil analysis**

Tashkent/Nukus, 22-26 May 2023



Host institution for GLOSOLAN Training

- **Soil composition and repository, quality analysis center**



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Training programme

Introduction to the Global Soil Laboratory Network (GLOSOLAN)

Elh Moudi Moustapha Abdourahaman,

GLOSOLAN vice-Chair



GLOSOLAN-INSAS collaboration:

What we did, what we will do –

Magdeline Vlasimsky,

GSP



Quality control and quality assurance (QA/QC) and participation to proficiency tests;

Laboratory health and safety

Hanane Aroui,

Laboratoire des Moyens Analytiques – IRD, Senegal



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Training programme

Outcomes of the GLOSOLAN PT 2022;

Launch of the Eurasian PT How to participate to international proficiency tests

Elena Shamrikova,

Institute of Biology of Komi Science Center of the Ural Branch of the RAS, Chair of RUSOLAN

Magdeline Vlasimsky,

GSP



Training programme

Sample preparation and storage, balance calibration and sieving

Training on the implementation of the GLOSOLAN SOPs on:

- **Electrical conductivity (EC), video on saturated soil paste extract**
- **pH (in H₂O, in KCl, in CaCl₂)**
- **Boron by hot water extraction / DTPA extraction**
- **Total Soluble Salts (TSS) and exchangeable sodium percentage (ESP)**

Giorgi Ghambashidze,

Laboratory of Soil Research named after Prof. Ivane Sarishvili, SRCA, Georgia



Practical Training



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EUROSOLAN

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*Thank you very much
for your attention!*

