

In- person training on Salt-Affected Soils analysis in Uzbekistan

Mr. Giorgi Ghambashidze,
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7th Meeting of the
**Global Soil
Laboratory
Network**
(GLOSOLAN)



GLOSOLAN
GLOBAL 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



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Practical Training



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Food and Agriculture
Organization of the
United Nations



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**Thank you
for your attention!**

