GLOSOLAN training on the analysis of salt-affected soils

Tashkent, Uzbekistan | May 23, 2023

Venue: Soil composition and repository, quality analysis center, Tashkent, Uzbekistan		
8:30 – 9:00	Registration	
Session 1: Opening of the workshop and GSP overview *Moderator: Magdeline Vlasimsky*		
9:00 – 09:20	Welcome and Opening Remarks	
Session 2: Technical session of the Global Soil Laboratory Network (GLOSOLAN) *Moderator: Magdeline Vlasimsky*		
9:20 – 9:40	Introduction to the Global Soil Laboratory Network (GLOSOLAN)	Ms Miriam Ostinelli, GLOSOLAN Chair (online)
9:40 – 10:00	GLOSOLAN-INSAS collaboration: What we did, what we will do	Ms Magdeline Vlasimsky, GSP
10:10 – 10:30	GLOSOLAN's Standard Operating Procedures (SOPs) on electrical conductivity (EC), pH, saturated soil paste extract, boron by hot water extraction. Questions and answers on GLOSOLAN's SOPs	Mr Elh Moudi Moustapha Abdourahaman, GLOSOLAN vice-Chair
10:30 – 10:50	Coffee break	
10:50 – 11:50	Lecture: Quality control and quality assurance (QA/QC) and participation to proficiency tests: • Common errors • Results submission • How to assess the laboratory performance • Actions to take in case of low performance of the laboratory	Ms Hanane Aroui, Laboratoire des Moyens Analytiques – IRD, Senegal
11:50 – 12:20	Laboratory health and safety	Ms Hanane Aroui, Laboratoire des Moyens Analytiques – IRD, Seneg
12:20 – 12:50	Demonstration of on-site soil tests	

12:50 – 13:00	Group picture	
13:00—14:00	Lunch	
14:00—14:30	Outcomes of the GLOSOLAN PT 2022 Launch of the Eurasian PT How to participate to international proficiency tests	Ms Elena Shamrikova, Komi Scientific Center of the Ural Branch of the Russian Academy of Sciences Ms Magdeline Vlasimsky, GSP Secretariat
Session 3: Training at the Soil lab of Uzbekistan		
14:30 – 15:00	Sample preparation and storage, balance calibration and sieving	Laboratory personnel
15:00 – 15:30	Training on the implementation of the GLOSOLAN SOP on electrical conductivity (EC), video on saturated soil paste extract	Mr Giorgi Ghambashidze, Laboratory of Soil Research named after Prof. Ivane Sarishvili, Scientific-Research Centre of Agriculture (SRCA), Georgia
15:30 – 16:15	Training on the implementation of the GLOSOLAN SOP on soil pH (in H_2O, in KCl, in $CaCl_2$)	
16:15 – 17:00	Training on the implementation of the GLOSOLAN SOP on Boron by hot water extraction / DTPA extraction	
17:00 – 17:30	Coffee break	
17:30—18:30	Training on the measurement of Total Soluble Salts (TSS) and exchangeable sodium percentage (ESP)	Mr Giorgi Ghambashidze, Laboratory of Soil Research named after Prof. Ivane Sarishvili, Scientific-Research Centre of Agriculture (SRCA), Georgia
18:30—19:30	Implementation of procedures by participants	
19:30—20:00	Reflections of the day	