5th Meeting of the Global Soil Laboratory Network (GLOSOLAN)  

Near East and North African Soil Laboratory Network (NENALAB).  

Abdelmjid Zouahri, NENALAB Chair, INRA Morocco

23-25 November 2021
Countries in NENALAB
Algeria, Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Sudan, Syria, Tunisia, United Arab Emirates, Yemen

Chair: Mr. Abdelmjid Zouahri (Morocco)
Vice-Chair for the Near East: Ms. Riham Zahalan (Syria)
Vice-Chair for North Africa: Ms. Hana Nabil (Morocco)
After the establishment of our network on June 2020 (9 – 11) we have participated to

- The Fourth meeting of the Global Soil Laboratory Network (GLOSOLAN) from 11 – 13 November 2020, (Report of NENALAB as member of Regional Soil Laboratory Networks (RESOLANs)
- The Sixth NENA Soil Partnership Meeting 18 and 19 November 2020

We have Participated to the harmonization of SOPS (national laboratories)
- Quasi-total elements by digestion using aqua regia and EPA
- Available micronutrients (Fe Zn Cu Mn Mo Ni Cd) – extraction using DTPA
- Exchangeable bases and CEC by ammonium acetate
- Particle size-distribution-1
- Phosphour (Olsen/Bray)- Nitrogen (Kejindehl)
- Some soil physical properties – harmonizing is going on (soil bulk density- soil moisture)
Seminaire on the implementation of the SOP for saturated soil paste 9 (English) and 21 (Arabic) Nov 2021.

Translation of some produced SOP into Arabic (Ph- EC- Saturated paste-P (Olsen) and still working)
Main areas of need

During 2nd NENALAB meeting (28 October 2021), the main areas of need which have been identified:

• Laboratory health and safety

• Standard Operating Procedures (SOPs)

• Trainings (main topics for training sessions have been identified as: SOPs, soil spectroscopy, equipment use and maintenance, internal quality control)

• Internal and external quality control
Thanks for your attention