



Hanane AROUI BOUKBIDA (IRD)

7th Meeting of the Global Soil Laboratory Network (GLOSOLAN)





working groups in Good Lab Practices (GLP)

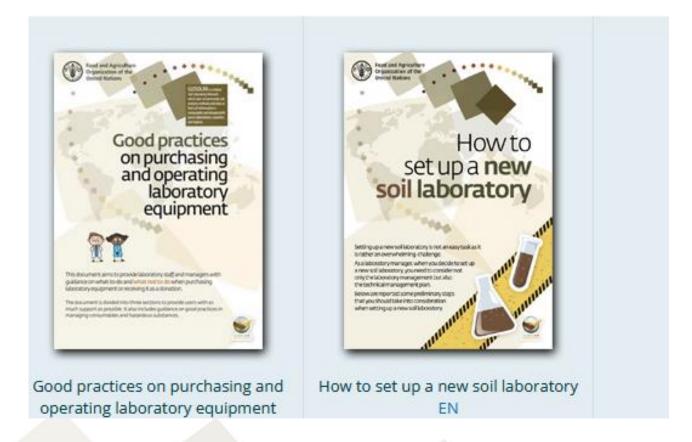
- allow better laboratory management
- **improve efficiency** (thus reducing costs)
- improve safety
- allow quality control
- stimulate and motivate all labs
- share the logistic information and the experience between the regions
- ..



WG 1: Lab mangement

- Choosing the good equipment
- Reducing costs

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WG 2: Risk assessment

Is possible but has not occurred to date in any similar organization and is considered to have very much less

than a 1% chance of occurring in the next few years

French, Spanish, Arabic ..

consequences Quantitative Likelihood Minor Minor Unavailabil Unavailab Protracted skills ity of core ility of impact to unavailabili Has occurred on an annual basis in capability skills critical tv of impact affecting skills or critical this organization in the past or services personnel skills circumstances are in the train that /people People will cause it to happen Injury Minor Major Multiple Single injury or requiring injury/ death and deaths first aid treatment hospitalizat treatment by medical multiple ion Has occurred in the last few years in practitioner major this organization or has occurred injuries recently in other similar Negligible Moderate Extensive Insignificant Significant organizations or circumstances have occurred that will cause it to happen Almost Certain in the near few years Has occurred at least once in the history of this organization or is pood considered to have a 5% chance of occurring in the near few years Possible Has never occurred in this organization but has occurred Unlikely infrequently in other similar organizations or is considered to have a 1% chance of occurring in the next few years Rare

Mojgan Yeganeh (SWRI, Iran), Nopmanee Suvannang (LDD, Thailand) and, Hanane Aroui Boukbida (IRD, France)



WG 3: waste management

French, Spanish, Arabic...

Material/reagent	How it should be handled	How it should be disposed	Danger
Distilled water (cleaned)	Gloves Safety Glasses	In the sink	Do not drink!
Distilled water (used to wash equipment)	Gloves Safety Glasses	Depends on what has been washed	Do not drink!
Potassium Chloride (KCI) Solution	Gloves Safety Glasses Protective Clothing	No specific rules	
Diethylenetriaminepentaaceti c acid (DTPA, C14H23N3O10)	Do not inhale (use P3 filters or fume hood if dust generated) Gloves Safety Glasses Protective Clothing	Do not let DTPA enter drains Collect in a specific container (eg 20L plastic container) and dispose of through a certified	(1)
Triethanolamine (TEA, C6H15NO3)	Gloves Safety Glasses Protective Clothing	No specific rules	
Calcium chloride dihydrate (CaCl2·2H2O)	Nitrile Gloves Safety Glasses Protective Clothing If dusts are generated: P2 filter	We don't have specific rules for this product but the msds states to dispose of it depending on local regulations	<u>(1)</u>







