

^{5th} Meeting of the **Regional Soil Laboratory Network for Africa** (AFRILAB) **Establishment of AFRILAB working**

15 November 2023

groups

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working groups in Good Lab Practices (GLP) : AFRILAB

- 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 5th Meeting of the Regional Soil Laboratory Network for Africa (AFRILAB) | 15 November 2023



WG 1 : Lab mangement

- Choosing the good equipment
- Reducing costs

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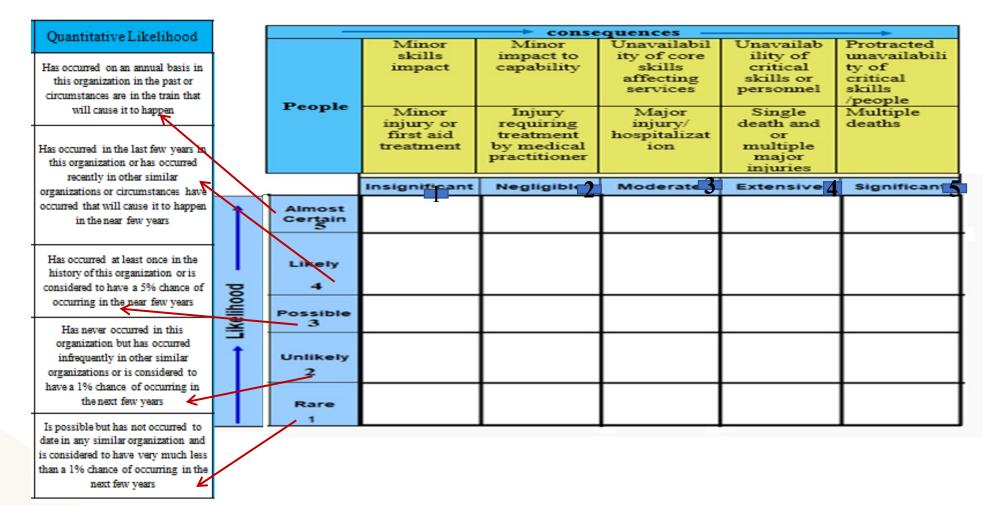




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WG 2: Risk assessment

French, English ..





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WG 3: waste management

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	
	Do not inhale (use P3 filters or fume hood if dust generated)	Do not let DTPA enter drains	
Diethylenetriaminepentaaceti c acid (DTPA, C14H23N3O10)	Gloves Safety Glasses Protective Clothing	Collect in a specific container (eg 20L plastic container) and dispose of through a certified waste disposal company	
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	

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