



27 October 2021

Inter-laboratory proficiency testing (ILPT)

Christian Hartmann & Nopmanee Suvannang





Many documents: SOPs, videos, booklets with recommendations, etc...



Many documents: SOPs, videos, booklets with recommendations, etc...

How can you be sure you perform correctly?
in a comparable way?

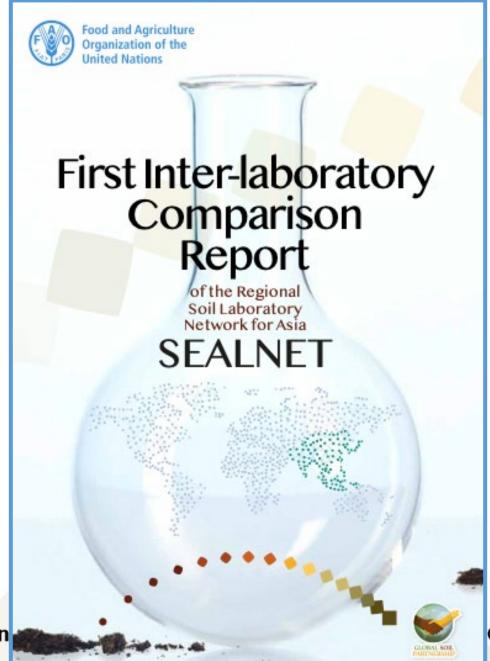


Many documents: SOPs, videos, booklets with recommendations, etc...

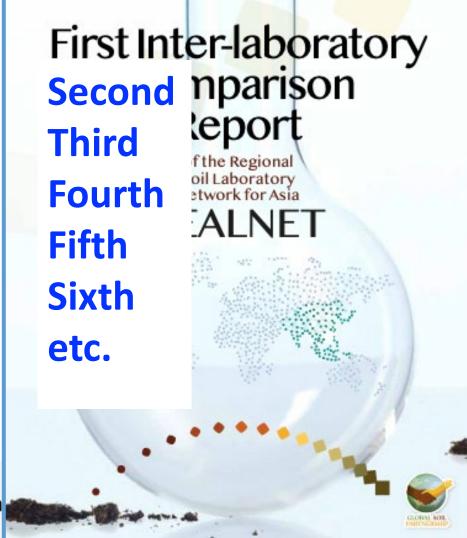
How can you be sure you perform correctly?
in a comparable way?

participate to ILPT to check











not only needs motivated but also skilled labs



not only needs motivated but also skilled labs

ILPT has very limited cost but... need some specific instruments



not only needs to be motivated but also skilled labs

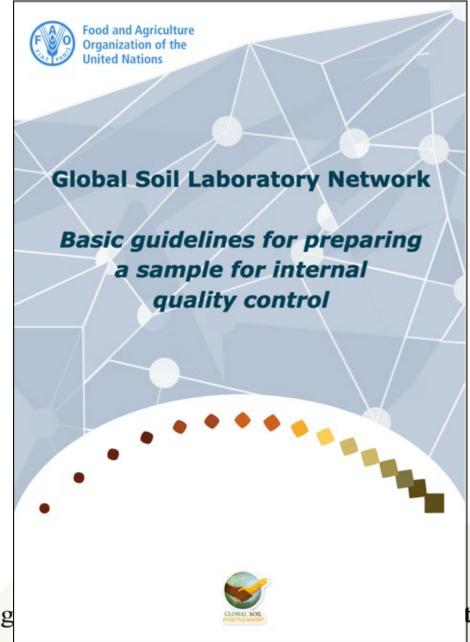
ILPT has very limited cost but... need some specific instruments

- every lab can learn
- every lab should do it for its internal quality control









- Sample collection
- Initial drying
- Disaggregation
- Screening/sieving
- Secondary drying
- Milling

Homogenization

Sub dividing

Homogeneity assessment

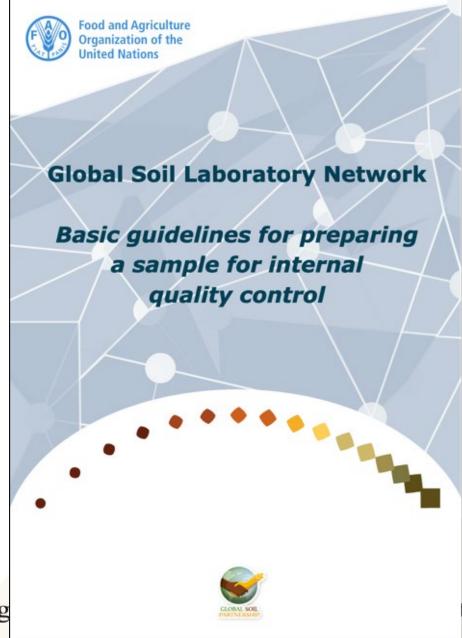
Packaging & labeling

Storage

Confidentiality

tory Network (EUROSOLAN) | 27 October 2021





- Sample collection
- Initial drying
- Disaggregation
- Screening/sieving
- Secondary drying
- Milling



tory Network (EUROSOLAN) | 27 October 2021





Homogenization

Global Soil Laboratory Network

Basic guidelines for preparation a sample for internal quality control









Homogenization

Sub dividing

Global Soil Laboratory Network

Basic guidelines for preparation and sample for internal quality control









Homogenization

Sub dividing

Homogeneity assessment

analyse 1 parameter + STATISTICS





Homogenization

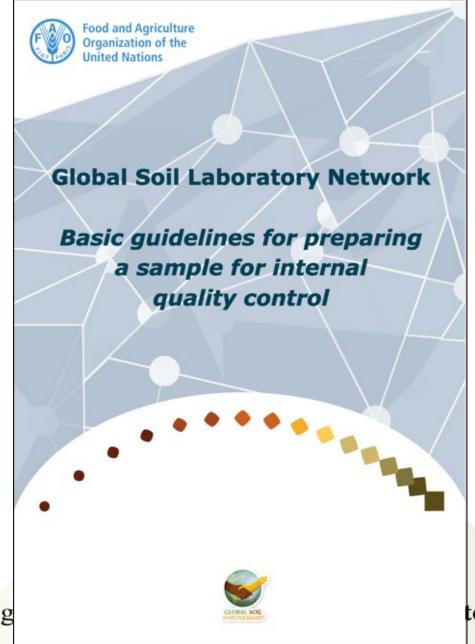
Sub dividing

Homogeneity assessment

Packaging & labeling







Homogenization

Sub dividing

Homogeneity assessment

Packaging & labeling

Storage

Confidentiality



need of ILPT providers

which laboratories are volunteer to do the job?







EUROPEAN AND EURASIAN SOIL LABORATORY NETWORK



