

Mixing HORTicultural crops and Agroforestry: A global evidence map, analysis of the farmer practices and assessment of performance

OBJECTIFS

Our objectives are to i) produce an evidence map of the knowledge and practices on such systems and produce a typology of the systems around the world.

We hypothesize that :

- The characteristics of the system (complexity, cultivated species, etc.) and their performance differ according to agro-ecological zones.
- The experiments detailed in the scientific literature represent only part of the diversity of systems observed locally.

ACTIONS

Literature review, Evidence map and meta-analysis of Horticulture-Agroforestry systems in the tropics.

Objective : Global and exhaustive assessment of scientific available knowledge on agroforestry-horticultural systems.

- Prospecting campaign and analysis of experts and farmers' knowledge on clove-Agroforestry systems

Objective : Assessment of farmer knowledge and practices on agroforestry-horticultural systems in Madagascar, Mayotte and the Comoros

RESULTATS

An open-access literature database on scientific knowledge on horticulture-Agroforestry systems.

- A precise description of knowledge and knowledge gaps on these systems
- A Quantification of the performance of the systems
- A precise typology of Horticulture-Agroforestry systems in the tropics
- A quantification based on probabilistic expert elicitation of the performance of clove-tree agroforestry systems in Madagascar

PERSPECTIVES

Creation of a multi-institutional working group on horticultural -agroforestry systems

Responsable :

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