

# 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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**Montant :**

