

FOMT 1.8B: Forest Plantation Silviculture and Agroforestry in the Tropics

Contents:

Silviculture and stages of production for forest plantations of pure and mixed stands as well as tree-plantings as an integral part of agroforestry in the tropics and subtropics. Case studies about representative genera and tree species with regional peculiarities. Forest protection strategies and innovations in forest plantations. Artificially established forest ecosystems and agroforestry systems as classified according to their functions. Attributes and methods for their evaluation and certification.

Qualification goals:

The students are enabled to analyse, classify and evaluate forest plantations and agroforestry systems by components, as well as to design integrated forest protection strategies and to further develop innovative technologies. They are able to conduct reconnaissance surveys as well as to conceptualize forest plantations and woody components of agroforestry systems in the tropics.