

FOMT 1.4 A: Forest Utilization and Product Chains

Contents:

Processes of harvest, transportation, storage and processing of wood in terms of socio-economic and technical systems. Conducting and controlling of forestry operations. Identification of tropical timber based on its anatomical structure, physical and mechanical properties, as well as possible harvest, utilization and value added, referring to selected products from natural forests and forest plantations.

Qualification goals:

The students have acquired special knowledge of principles and systematic approaches to harvest, transportation, storage and processing of timber, as well as non-timber products. They are able to determine tropical timber species and know important non-timber products of tropical forests, including their potential for sustainable forest management. They are capable of independently developing and controlling technological processes of forest utilization and forest management and product processing, in particular timber harvest, transport, processing and optimization of timber grading