

## **FOMT 1.5: Economics and Management of Forest Resources**

### Contents:

Economics (part A): Economic principles of human actions demonstrated by the forest rotation problem and other questions of even-aged forest stands, and problems encountered during activities in uneven-aged forest stands. Investigating human interactions by means of environmental and ecosystem related performances in forestry.

Management of enterprises (part B): Strategic planning, forest management planning as well as planning and control of forest management measures. Development of a continuous forest inventory design as well as the construction of a GIS aided management information system is demonstrated, by examples of the management in the tropics.

### Qualification goals:

The students understand principles and techniques of forest economics and can independently apply these to the analysis of forestry-related actions and to the management of forest enterprises. They master the concepts of the inter-temporal efficiency for both timber production and the provision of environmental and other ecosystem services. They are able to apply economic instruments for planning of management decisions and for controlling of managerial decisions in the tropics.