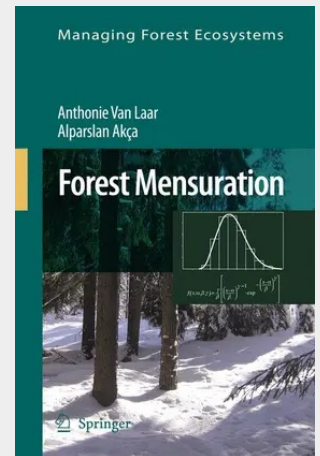


Forest Mensuration

Van Laar and Akça's popular text book, *Forest Mensuration*, was first published in 1997. Like that first edition, this modern update is based on extensive research, teaching and practical experience in both Europe as well as the tropics and subtropics. It has also been extensively revised and now includes chapters on remote sensing and the application of aerial photographs and satellite imagery. This book assumes no advanced knowledge of statistical methods and combines practical techniques with important historical and disciplinary context. The result is a strong balance between a handbook on traditional mensuration methods and a valuable reference on the many recent research and inventory-related innovations which have emerged in recent years.

Forest mensuration is one of the most fundamental disciplines within forest and related sciences. It deals with the measurement of trees and stands and the analysis of the resultant information. During the early days of sustained forest management simple measurement and estimation methods and with the analysis of inventory and research data were available. The middle of last century, however, witnessed a worldwide increase in the need for more quantitative information about trees and stands. This generated the need for more sophisticated methods to obtain and analyze forest data. This development was followed by a phenomenal explosion of information. During the past decades there has been fruitful cooperation between the Institute of Forest Inventory and Forest Growth, formerly δ Institute of Forest Management and Forest Yield Sciences δ of the University of Göttingen, δ Germany and the Faculty of Forestry of the University of Stellenbosch, South Africa. This book is one of the results of this fruitful cooperation between these institutions.



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