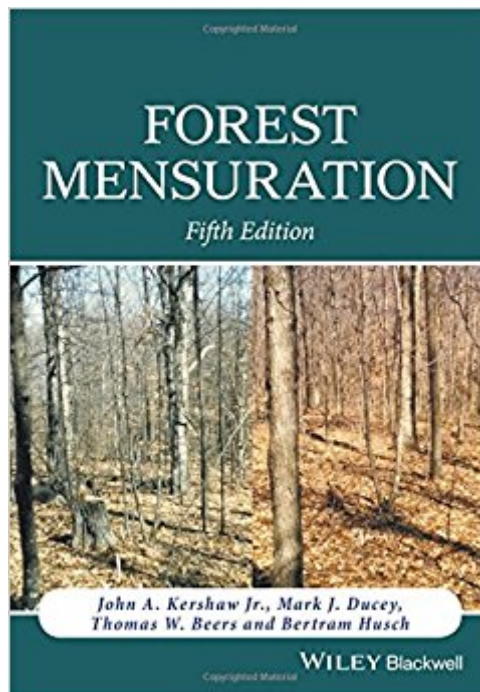


The book was found

Forest Mensuration



Synopsis

Forest mensuration is the science of measurement applied to forest vegetation and forest products. It holds value for basic ecology as well as sustainable forest management. As demands on the world's forests have grown, scientists and professionals are increasingly called on to quantify forest composition, structure, and the goods and services forests provide. Grounded in geometry, sampling theory, and ecology as well as practical field experience, forest mensuration offers opportunities for creative problem solving and critical thinking. This fifth edition of the classic volume, *Forest Mensuration*, includes coverage of traditional and emerging topics, with attention to SI and Imperial units throughout. The book has been reorganised from the fourth edition to better integrate non-timber and ecological aspects of forest mensuration at the tree, stand, forest, and landscape scales throughout. The new edition includes new chapters that specifically address the integration of remotely sensed data in the forest inventory process, and inventory methods for dead and downed wood. One unifying theme, not only for traditional forestry but for the non-timber inventory and for remote sensing, is the use of covariates to make sampling more efficient and spatially explicit. This is introduced in the introductory chapter on statistics and the chapter on sampling designs has been restructured to highlight this approach and lay the foundation for further learning. New examples will be developed throughout the textbook with an emphasis on current issues and international practice. Students in applied forestry programs will find ample coverage of forest products and timber inventory, while expanded material on biodiversity, biomass and carbon inventory, downed dead wood, and the growing role of remote sensing in forest assessment will be valuable to a broader audience in applied ecology.

About the Authors
John A. Kershaw, Jr. Faculty of Forestry and Environmental Management, University of New Brunswick, New Brunswick, Canada
Mark J. Ducey, Department of Natural Resources and the Environment, University of New Hampshire, USA
Thomas W. Beers, Emeritus Professor of Forestry, Purdue University, USA
Bertram Husch, former Forestry Consultant at INFORA Estudios Ltda. in Santiago, Chile, and former Forest Mensurationist, FAO

Book Information

Hardcover: 632 pages

Publisher: Wiley-Blackwell; 5 edition (December 27, 2016)

Language: English

ISBN-10: 1118902033

ISBN-13: 978-1118902035

Product Dimensions: 6.8 x 1.4 x 9.6 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #139,419 in Books (See Top 100 in Books) #40 in [Books > Science & Math > Nature & Ecology > Forests & Rainforests](#) #60 in [Books > Science & Math > Agricultural Sciences > Forestry](#) #71 in [Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Botany](#)

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Unintelligible. Erudite tenure-seeking professors speak to impress tenure committees, no real world examples. Of no use to me, a seasoned timber cruiser, so tossed it. Grade: F, May be fine if you're a math major, but most of us aren't. They really need to do away with the "publish or perish" system at the universities.

Useful handbook for students and professionals!

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