



Measurements for Terrestrial Vegetation

By Charles D. Bonham

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Measurements for Terrestrial Vegetation By Charles D. Bonham

Measurements for Terrestrial Vegetation, 2nd Edition presents up-to-date methods for analyzing species frequency, plant cover, density and biomass data. Each method is presented in detail with a full discussion of its strengths and weaknesses from field applications through statistical characteristics of bias and use of the correct probability distribution to describe and analyze data. This practical book also covers the use of satellite imagery to obtain measurement data on cover, density and biomass. Field data collection includes current applications of statistical sampling and analysis designs that should be used to obtain and analyze these data.

This new and thoroughly updated edition of a classic text will be essential reading for everyone involved in measuring and assessing vegetation and plant biomass, including researchers and practitioners in vegetation science, plant ecology, forestry, global change scientists and conservation scientists.

- Provides a comprehensive catalogue of sampling, surveying and measuring techniques in vegetation science
- Updated to include new technologies and developments in the field
- New coverage of prediction models for large areas, including satellite mapping and remote sensing techniques
- Includes up-to-date applications of statistical sampling and analysis designs used to obtain and analyse data. Reviews the strengths and weaknesses of each technique, allowing an informed choice of alternative approaches
- Clear diagrams to explain best-practice in methodology

The companion website for this book can be found at www.wiley.com/go/bonham/measurements



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Editorial Review

Review

“In summary, this book is excellent for describing the methods for measuring vegetative attributes (frequency, cover, density, and biomass) and the sampling design that will provide unbiased estimates for the attribute measured.” (*Photogrammetric Engineering and Remote Sensing*, 1 November 2014)

“Summing Up: Recommended. Upper-division undergraduates through professionals.” (*Choice*, 1 February 2014)

From the Back Cover

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About the Author

Charles D. Bonham is Professor Emeritus of Rangeland Science, Colorado State University, USA.

Users Review

From reader reviews:

Daniel Campbell:

Here thing why this specific Measurements for Terrestrial Vegetation are different and dependable to be yours. First of all reading through a book is good nevertheless it depends in the content of the usb ports which is the content is as scrumptious as food or not. Measurements for Terrestrial Vegetation giving you information deeper including different ways, you can find any e-book out there but there is no guide that similar with Measurements for Terrestrial Vegetation. It gives you thrill reading journey, its open up your eyes about the thing that happened in the world which is perhaps can be happened around you. You can easily bring everywhere like in playground, café, or even in your technique home by train. For anyone who is having difficulties in bringing the published book maybe the form of Measurements for Terrestrial Vegetation in e-book can be your option.

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