



Statistics for Earth and Environmental Scientists (Hardback)

By John Schuenemeyer, Larry Drew

John Wiley and Sons Ltd, United States, 2011. Hardback. Condition: New. Language: English . Brand New Book. A comprehensive treatment of statistical applications for solving real-world environmental problems A host of complex problems face today s earth science community, such as evaluating the supply of remaining non-renewable energy resources, assessing the impact of people on the environment, understanding climate change, and managing the use of water. Proper collection and analysis of data using statistical techniques contributes significantly toward the solution of these problems. Statistics for Earth and Environmental Scientists presents important statistical concepts through data analytic tools and shows readers how to apply them to real-world problems. The authors present several different statistical approaches to the environmental sciences, including Bayesian and nonparametric methodologies. The book begins with an introduction to types of data, evaluation of data, modeling and estimation, random variation, and sampling-all of which are explored through case studies that use real data from earth science applications. Subsequent chapters focus on principles of modeling and the key methods and techniques for analyzing scientific data, including: * Interval estimation and Methods for analyzing hypothesis testing of means time series data * Spatial statistics * Multivariate analysis * Discrete distributions * Experimental...



READ ONLINE

[7.44 MB]

Reviews

An exceptional pdf as well as the font employed was intriguing to read through. This is certainly for all who statte there was not a worthy of reading through. I am just delighted to inform you that here is the very best publication i actually have go through inside my very own existence and might be he finest pdf for actually.

-- Saige Lang

This created publication is excellent. It generally does not price a lot of. You may like just how the writer create this pdf.

-- Jo Kuhlman