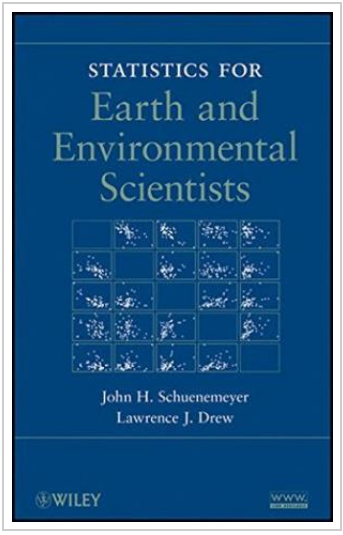

Statistics for Earth and Environmental Scientists (Hardback)

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 analyzinghypothesis testing of means time series data * Spatial statistics * Multivariate analysis * Discrete distributions * Experimental...

Reviews

This composed pdf is wonderful. Indeed, it is actually perform, continue to an amazing and interesting literature. I found out this pdf from my i and dad suggested this pdf to understand.

-- ***Simeon Legros Sr.***

An exceptional book and also the font utilized was intriguing to read. This is for all who statte there was not a worth reading. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- ***Prof. Tyson Hilpert***