



# Methods and Applications of Statistics in the Atmospheric and Earth Sciences

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## Methods and Applications of Statistics in the Atmospheric and Earth Sciences

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Readers will gain a thorough understanding of cutting-edge methods for the acquisition and analysis of data across a wide range of subject areas, from geophysics, geology, and biogeography to meteorology, forestry, agriculture, animal science, and ornithology. The book features new and updated content on quantitative methods and their use in understanding the latest topics in social research, including:

- Drought Analysis and Forecasting Childhood Obesity
- Ranked Set Sampling Methodology for Environmental Data
- Species Richness and Shared Species Richness
- Geographic Information Systems

Each contribution offers authoritative yet easily accessible coverage of statistical concepts. With updated references and discussion of emerging topics, readers are provided with the various statistical methods, techniques, strategies, and applications that are essential for tackling critical issues in environmental science research.

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