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Altri autori (Persone)	ReimannClemens <1952->
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Nota di contenuto	Statistical Data Analysis Explained Applied Environmental Statistics with R; Contents; Preface; Acknowledgements; About the authors; 1 Introduction; 2 Preparing the Data for Use in R and DAS+R; 3 Graphics to Display the Data Distribution; 4 Statistical Distribution Measures; 5 Mapping Spatial Data; 6 Further Graphics for Exploratory Data Analysis; 7 Defining Background and Threshold, Identification of Data Outliers and Element Sources; 8 Comparing Data in Tables and Graphics; 9 Comparing Data Using Statistical Tests 10 Improving Data Behaviour for Statistical Analysis: Ranking and Transformations 11 Correlation; 12 Multivariate Graphics; 13 Multivariate Outlier Detection; 14 Principal Component Analysis (PCA) and Factor Analysis (FA); 15 Cluster Analysis; 16 Regression Analysis (RA); 17 Discriminant Analysis (DA) and Other Knowledge-Based Classification Methods; 18 Quality Control (QC); 19 Introduction to R and Structure of the DAS+R Graphical User Interface; References; Index
Sommario/riassunto	Few books on statistical data analysis in the natural sciences are written at a level that a non-statistician will easily understand. This is a book written in colloquial language, avoiding mathematical formulae as

much as possible, trying to explain statistical methods using examples and graphics instead. To use the book efficiently, readers should have some computer experience. The book starts with the simplest of statistical concepts and carries readers forward to a deeper and more extensive understanding of the use of statistics in environmental sciences. The book concerns the application
