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Nota di contenuto	Scale Issues in Remote Sensing; Contents; Acknowledgments; Contributors; Author Biography; Introduction; 1 Characterizing, Measuring, Analyzing, and Modeling Scale in Remote Sensing: An Overview; 1.1 SCALE ISSUES IN REMOTE SENSING; 1.2 CHARACTERIZING, MEASURING, ANALYZING, AND MODELING SCALE; REFERENCES; Part I: Scale, Measurement, Modeling, and Analysis; 2 Scale Issues in Multisensor Image Fusion; 2.1 SCALE IN REMOTE SENSING; 2.2 FUSION METHODS; 2.3 EHLERS FUSION; 2.4 FUSION OF MULTISCALE ELECTRO-OPTICAL DATA; 2.4.1 Data Sets and Study Site; 2.4.2 Multisensor Image Fusion 2.4.3 Image Fusion with Variable Spatial Resolution 2.5 FUSION OF ELECTRO-OPTICAL AND RADAR DATA; 2.6 CONCLUSION; REFERENCES; 3 Thermal Infrared Remote Sensing for Analysis of Landscape Ecological Processes: Current Insights and Trends; 3.1 INTRODUCTION; 3.2 SOME BACKGROUND ON NASA TIR SATELLITE INSTRUMENTS; 3.3 USE OF TIR DATA IN ANALYSIS LANDSCAPE ECOLOGICAL CHARACTERIZATION; 3.4 ESTIMATING LAND SURFACE ENERGY BUDGETS USING REMOTE SENSING DATA; 3.5 EVAPORATION/EVAPOTRANSPIRATION/SOIL MOISTURE; 3.6 DROUGHT

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Sommario/riassunto

This book provides up-to-date developments, methods, and techniques in the field of GIS and remote sensing and features articles from internationally renowned authorities on three interrelated perspectives of scaling issues: scale in land surface properties, land surface patterns, and land surface processes. The book is ideal as a professional reference for practicing geographic information scientists and remote sensing engineers as well as a supplemental reading for graduate level students.
