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ISBN	0-429-09654-2 1-4665-0578-8
Descrizione fisica	1 online resource (546 p.)
Disciplina	551.5/2530287 551.52530287
Soggetti	Energy budget (Geophysics) - Remote sensing Soil moisture - Remote sensing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A CRC title.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section I. Controls, conventional estimation, and remote sensing methods overview -- section II. Remote sensing of surface energy fluxes: Algorithms and case studies -- section III. Remote sensing of soil surface moisture: Algorithms and case studies -- section Ivolume Challenges and future outlook.
Sommario/riassunto	Discussing the state of the art in the remote sensing of surface turbulent heat fluxes and soil surface moisture content, this book offers the most up-to-date understanding of the natural processes of Earth systems and their interactions with man-made activities. Identifying effective, accurate, and practical methods, it allows researchers to obtain much-needed data on the soilscape at decreased cost: both reducing the amount of field data collection and increasing coverage area. An all-inclusive overview of methods and modeling techniques, it provides case studies and considers future tren