



Remote Sensing Geology

By Ravi P. Gupta

Springer-Verlag GmbH Dez 2017, 2017. Buch. Condition: Neu. Neuware - Over the past decade, advances in sensor technology, processing algorithms, and computational capacity have taken remote sensing to a level where observations can be transformed into quantitative measurements, and the technology can be used in near real-time for mapping, monitoring and decision-making. For the third edition, this widely acclaimed book has been fully revised, enlarged and updated. It covers remote sensing in a wide range of optical, thermal, and microwave wavelengths and their host of geologic applications featuring sample applications from around the globe. In addition, it presents state-of-the-art content on emerging themes such as atmospheric interactions, spectroscopy, spectral indices, prospectivity modelling, and multi-sensor geodata integration. The subject matter is presented at a basic level, offering students an excellent introductory text on remote sensing. Further, the main part of the book will also be of great value to active researchers. Excerpt from the review of Remote Sensing Geology (2nd ed., 2003): International Journal of Applied Earth Observation and Geoinformation, 5 (2004) 239-240 'Graduate students, research workers and professional earth scientists will use this book to their advantage and with pleasure; it is well-written, to the point and with an emphasis...



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