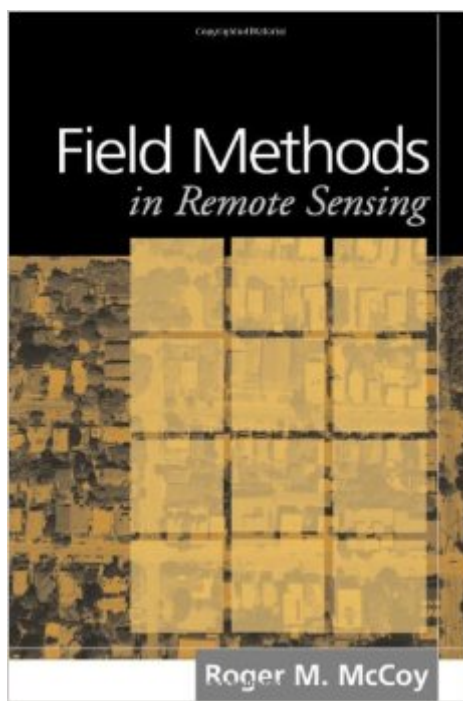


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# Field Methods In Remote Sensing



## Synopsis

This concise, much-needed guide takes readers step by step through planning and executing field work associated with many different types of remote sensing projects. Remote sensing texts and research reports typically focus on data-analytic techniques while offering a dearth of information on procedures followed in the field. In contrast, this book provides clear recommendations for defining field work objectives, devising a valid sampling plan, finding locations using GPS, and selecting and using effective measurement techniques for field reflectance spectra and for studies of vegetation, soils, water, and urban areas. Appendices feature sample field note forms, an extensive bibliography on advanced and specialized methods, and online metadata sources.

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## Customer Reviews

This publication covers the basics of remote sensing field work. In this capacity it is a good introduction. Its limitation is that it doesn't cover the application of new technology to the computer to field work interface. For example, it doesn't cover the use of GPS units with online or postdifferential signal correction, the use of GPS embedded data dictionaries, and mobile devices running ArcMobile or ArcPad type software for field data collection. It would benefit a lot by revision to include the ways in which these newer technologies can be used to increase the rigor of field data collection and to decrease the cost of field work.

This book has been a great reference for me as I am learning the basics of remote sensing. I use it

to help integrate Remote Sensing into my field work and vice versa. The book is well written and easy to comprehend. It can easily be used in the classroom as well.

Excellent book on field methods or ground truthing satellite imagery. Satellite analysis needs to be accompanied by a strong program to correlate what is observed from the sensor and what is happening on the ground. This book saves time in designing a field program. I have purchased several of these books over the years and given them to grad student and fellow researchers. Saves time in "reinventing the wheel."

I heard this book in a seminar. I was often confused by the sample plot size in field work. I think I get what I want to some extent.

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