

THIRD EDITION

REMOTE SENSING FOR GEOSCIENTISTS

IMAGE ANALYSIS AND INTEGRATION

"... a well-organized and highly readable overview of many of the most powerful and significant applications of 'practical' remote sensing. ... The book is sure to clarify concepts both old and new while stimulating interest in the new. ... I feel that this book will become the standard reference for practitioners and students alike."

—Dr Ralph N. Baker, *Independent Consulting Geologist, Houston, Texas*

"... provides an Earth scientist with a very efficient, one-stop information shop that covers not only the standard reflected light, thermal, and radar systems, but also the very important geophysical sensors such as potential field, EM, GPR, side-scan sonar, etc. ... an important contribution for Earth scientists trying to understand how remote sensing imagery and vegetation can be used to create better maps of the Earth's geology."

—James Ellis, *Ellis GeoSpatial*

"Dr. Prost has clearly and thoroughly explained the wide variety of methods and applications ... Geoscientists will find this comprehensive guide to the interpretation and integration of remote sensing data to be a welcome addition to their personal libraries."

—Dr. Dietmar (Deet) Schumacher, *Vice President for Geosciences and Technology, E&P Field Services*

This third edition of the bestselling *Remote Sensing for Geologists: A Guide to Image Interpretation* is now titled **Remote Sensing for Geoscientists: Image Analysis and Integration**. The title change reflects that this edition applies to a broad spectrum of geosciences, not just geology; stresses that remote sensing has become more than photointerpretation; and emphasizes integration of multiple remote sensing technologies to solve Earth science problems. This text reviews systems and applications, explains what to look for when analyzing imagery, and provides abundant case histories to illustrate the integration and application of these tools.

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