

'Addresses a previously unfilled niche, bringing together in one place, for the first time, knowledge that would previously have required extensive and time-consuming reading of journal articles to accumulate.'
Meredith Williams, Newcastle University

'Most of the books on this subject are not detailed enough, so I point the students at review articles and individual papers. It would be very useful to have a book like this as the entry level into those more detailed materials.'
Philip Lewis, UCL

- A rigorous and carefully explained introduction to the theory and practical application of remote sensing to the study of vegetation
- Demonstrates how data obtained using remote sensing can be applied to vegetation analysis through careful interpretation and biological understanding
- Emphasizes important underlying principles rather than overwhelming you with complex mathematics and physics

Remote sensing is becoming an increasingly important tool for agriculturalists, ecologists, and land managers for the study of the earth's agricultural and natural vegetation, and can be applied to further our understanding of key environmental issues, including climate change and ecosystem management.

This timely introduction offers an accessible yet rigorous treatment of the basics of remote sensing at all scales, illustrating its practical application to the study of plant and vegetation function. Despite a quantitative approach, the advanced mathematics and complex models common in modern remote sensing literature are demystified through clear explanations that emphasize the key underlying principles, and the core physical aspects are explained in the biological context of vegetation and its adaptation to its specific environment.

A wide range of techniques and instruments are covered, making this a valuable source of reference, and the advantages and disadvantages of different approaches are further illustrated through worked examples and case studies.

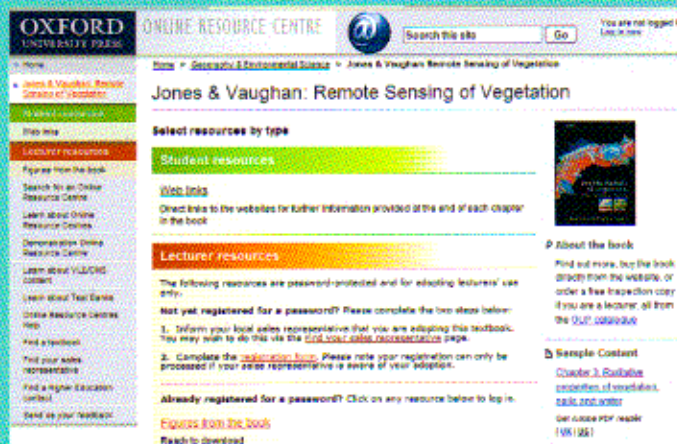
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