

*New Book Received*

**Introduction to Remote Sensing. Fifth Edition.**

**By James B. Campbell and Randolph H. Wynne, The Guilford Press, 2011; 662 pages. Price: £80.75, ISBN 978-1-60918-176-5**

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The following paragraphs are reproduced from the website of the publisher [1]:

A leading text for undergraduate- and graduate-level courses, this book introduces widely used forms of remote sensing imagery and their applications in plant sciences, hydrology, earth sciences, and land use analysis. The text provides comprehensive coverage of principal topics and serves as a framework for organizing the vast amount of remote sensing information available on the Web. Featuring case studies and review questions, the book's 4 sections and 21 chapters are carefully designed as independent units that instructors can select from as needed for their courses. Illustrations include 29 color plates and over 400 black-and-white figures.

New to This Edition

- Reflects significant technological and methodological advances.
- Chapter on aerial photography now emphasizes digital rather than analog systems.
- Updated discussions of accuracy assessment, multitemporal change detection, and digital preprocessing.
- Links to recommended online videos and tutorials.

**Table of Contents**

**Part I. Foundations**

1. History and Scope of Remote Sensing
2. Electromagnetic Radiation

**Part II. Image Acquisition**

3. Mapping Cameras
4. Digital Imagery

5. Image Interpretation
6. Land Observation Satellites
7. Active Microwave
8. Lidar
9. Thermal Imagery
10. Image Resolution

### **Part III. Analysis**

11. Preprocessing
12. Image Classification
13. Field Data
14. Accuracy Assessment
15. Hyperspectral Remote Sensing
16. Change Detection

### **Part IV. Applications**

17. Plant Sciences
18. Earth Sciences
19. Hydrospheric Sciences
20. Land Use and Land Cover
21. Global Remote Sensing

### **Conclusion**

The Outlook for the Field of Remote Sensing: The View from 2011

\* *Editor's Note:* The brief summary and the contents of the books are reported as provided by the authors or the publishers. Authors and publishers are encouraged to send review copies of their recent books of potential interest to readers of *Remote Sensing* to the Publisher (Dr. Shu-Kun Lin, Multidisciplinary Digital Publishing Institute (MDPI), Kandererstrasse 25, CH-4057 Basel, Switzerland. Tel. +41-61-683-77-34; Fax: +41-61-302-89-18; E-Mail: lin@mdpi.com). Some books will be offered to the scholarly community for the purpose of preparing full-length reviews.

### **Note**

1. The website for this book is: <http://www.guilfordpress.co.uk/introduction-to-remote-sensing-9781609181765>.

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