

Manual Of Remote Sensing Remote Sensing For Natural Resource Management And Environmental Monitoring Volume 4

A comprehensive manual exploring radiometry methodologies and principles used with satellite-, radiometer- and thermal-camera data, for academic researchers and graduate students.

Manual of Remote Sensing. Volume II, Interpretation and Applications

Manual of Remote Sensing; Theory, Instruments and Techniques

Manual of Remote Sensing. Edited by Robert N. Colwell

Part of an ongoing series of manuals covering the range of applications of remotely sensed imagery, Volume 4 addresses the use of this technology in natural resource management and environmental monitoring. Comprehensive, authoritative, and up-to-date, it covers terrestrial ecosystems, aquatic ecosystems, and agriculture ecosystems, as well as future directions in technology and research.

Manual of Remote Sensing: Earth observing platforms and sensors [Version 1.1]

Vol. 2

Theory, Instruments and Techniques

Manual of Remote Sensing: Interpretation and Applications

Volume 1: Theory, instruments and techniques. - Volume 2: Interpretation and applications.

In Two Volumes

Manual of Remote Sensing: Interpretation and applications

Manual of Remote Sensing: Theory, instruments, and techniques

Manual of Remote Sensing: Remote sensing for the earth sciences

History of Remote Sensing, Electromagnetic Radiation, Interaction Mechanisms, Interaction Mechanisms Within the Atmosphere, Photographic Systems for Remote Sensing, Electro-optical Remote Sensors, Imaging and Nonimaging Sensors, Microwave Remote Sensors, Platforms for Remote Sensors, Communications for Imaging Systems, Remote Sensor Data Systems, Ground Investigation in Support of Remote Sensing, Image Interpretation, Cartographic Presentation of Remote Sensor Data, Assessment an Evaluation of Terrain and Minerals, Inventory and Assessment of Forest Lands, Inventory an Monitoring of Range Resources, Water Resources Assessment, Marine Environment, Measurement and Analysis of Weather and Climate, Crops and Soils, Inventory and Analysis of Urban Environments, Regional Inventories, Corridor Surveys, Site Investigations, Regional Analysis, Remote Sensing and Archaeology, Remote Sensing and Population Analysis.

Manual of Remote Sensing Volume 2

Manual of Remote Sensing

Manual of Remote Sensing. 1

Manual of Remote Sensing: Earth observing platforms & sensors (CD-ROM)

This open access book offers a summary of the development of Digital Earth over the past twenty years. By reviewing the initial vision of Digital Earth, the evolution of that vision, the relevant key technologies, and the role of Digital Earth in helping people respond to global challenges, this publication reveals how and why Digital Earth is becoming vital for acquiring, processing, analysing and mining the rapidly growing volume of global data sets about the Earth. The main aspects of Digital Earth covered here include: Digital Earth platforms, remote sensing and navigation satellites, processing and visualizing geospatial information, geospatial information infrastructures, big data and cloud computing, transformation and zooming, artificial intelligence, Internet of Things, and social media. Moreover, the book covers in detail the multi-layered/multi-faceted roles of Digital Earth in response to sustainable development goals, climate changes, and mitigating disasters, the applications of Digital Earth (such as digital city and digital heritage), the citizen science in support of Digital Earth, the economic value of Digital Earth, and so on. This book also reviews the regional and national development of Digital Earth around the world, and discusses the role and effect of education and ethics. Lastly, it concludes with a summary of the challenges and forecasts the future trends of Digital Earth. By sharing case studies and a broad range of general and scientific insights into the science and technology of Digital Earth, this book offers an essential introduction for an ever-growing international audience.

Manual of Remote Sensing. 2

Manual of Remote Sensing: Remote sensing of human settlements

Manual of Remote Sensing: Remote sensing of the marine environment

Robert G. Reeves, Editor-in-chief

An outstanding new reference work REMOTE SENSING for the Earth Sciences Remote Sensing for the Earth Sciences is a comprehensive, up-to-date resource for geologists, geophysicists, and all earth scientists. Produced in cooperation with the American Society for Photogrammetry and Remote Sensing, it is the third volume of the Manual of Remote Sensing, Third Edition, the widely accepted basic reference work in the field. It brings together contributions from an international team of scientists active in remote sensing and earth sciences research. The book is organized for quick access to topics of particular interest, beginning with coverage of spectral characteristics that focuses on the theory of rock, mineral, soil, and vegetation spectra, as well as planetary geology. The second section on data analysis is devoted to procedures used in information extraction and techniques used in the visual display of data, particularly in the integration of various geospatial data. The third section addresses applications of remote sensing in areas such as mineral and hydrocarbon exploration, stratigraphic mapping, engineering geology, and environmental studies. The final chapters offer a discussion of sensors relevant to the earth sciences-including radar, visible, infrared, and geophysical sensors-along with case study examples. Complete with color figures, helpful illustrations, and thorough references-including Internet sources -this volume is a major resource for researchers and practitioners working in the earth and environmental sciences.

Manual of Digital Earth

In 2 Vol

Manual of Remote Sensing, Remote Sensing for Natural Resource Management and Environmental Monitoring

Earth observing platforms and sensors. Version 1.1

A Beginner's Guide to the World of Satellite DataOver a thousand active satellites are in orbit around the Earth with applications including navigation, the transmission of data and satellite remote sensing; a space-based technology providing data accessible to everyone. **The Practical Handbook of Remote**

Sensing offers a complete understanding of th

Thermal Remote Sensing of Active Volcanoes

Manual of Remote Sensing Volume 1

Practical Handbook of Remote Sensing

Manual of Remote Sensing, Remote Sensing for the Earth Sciences

Manual of Remote Sensing, Remote Sensing for the Earth Sciences.John Wiley & Sons

Manual of Remote Sensing: The Development and Principles of Remote Sensing

Remote Sensing Laboratory Manual

Manual of Remote Sensing: Remote sensing for natural resource management and environmental monitoring

Manual of Remote Sensing: Principles and applications of imaging radar