

<<地球卫星遥感 (卷2) >>

图书基本信息

书名：<<地球卫星遥感 (卷2) >>

13位ISBN编号：9787302128557

10位ISBN编号：7302128553

出版时间：2006-10

出版时间：清华大学出版社

作者：曲 编

页数：335

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<地球卫星遥感 (卷2)>>

内容概要

本书共有两卷。

此为第2卷，共有18章，主要内容为（1）提供了有关地球科学遥感数据的信息；（2）讨论了MODIS探测器的校正和特点；（3）对当前数据处理方法进行分析和评价；（4）介绍了不同数据中心的数据查询和订购；以及（5）探讨了遥感和地理信息系统产品——网络GIS应用和工具等内容。

该书作者均为相关领域具有权威性的专家与学者。

图书内容既包括现代遥感技术的基础知识，又涉及卫星遥感的前沿领域，有广泛的实用性，可作为遥感、地学、环境、空间信息等地球科学领域的专业参考书。

作者简介

Prof. John J. Qu is a faculty member of the ESGS department at the school of Computational Sciences and is Technical Director of EastFIRE Lab at George Mason University. He is also with NASA Goddard Space Flight Center to support the NPOESS Preparatory Proje

书籍目录

1 Introduction to Data, Computational Processing and Tools of Satellite Remote Sensing References
 2 Earth Science Satellite Remote Sensing Data from the EOS Data and Information System 2.1 Introduction 2.2 EOSDIS Core System 2.3 Science Computing Facilities and Science Investigator-Led Processing Systems 2.4 Data Access 2.5 Perspectives 3 Remotely Sensed Data Available from the US Geological Survey EROS Data Center 3.1 Introduction 3.2 Data Products 3.2.1 Aircraft Scanners 3.2.2 Satellite Data 3.2.3 Derived Satellite Data Products 3.3 Conclusions Acknowledgements References
 4 NASA Direct Readout for Its Polar Orbiting Satellites 4.1 Introduction 4.2 Context in History 4.3 The Next Step 4.4 DB Community 4.5 Technologies and Data Flows in Direct Broadcast and Direct Readout 4.6 A DB Model 4.7 Technology Roadmap 4.7.1 Multi-Mission Scheduler 4.7.2 Real-Time Software Telemetry Processing System 4.7.3 Simulcast 4.7.4 NEpster 4.8 Science Processing Algorithm Wrapper (SPA) 4.9 The Future of DB and DR Acknowledgements References
 5 MODIS Calibration and Characterization
 6 Use of the Moon for Calibration and Characterization of MODIS, SeaWiFS, and VIRS
 7 A Review of Remote Sensing Data Formats for Earth System Observations
 8 A Simple, Scalable, Script-Based Science Processor
 9 The MODIS Reprojection Tool
 10 A Tool for Conversion of Earth Observing System Data Products to GIS Compatible Formats and for the Provision of Post-Processing Functionality
 11 HDFLook—Multifunctional HDF-EOS Tool for MODIS and AIRS Data Processing at GES DISC DAAC
 12 Tropical Rainfall Measuring Mission Data and Access Tools
 13 The Open GIS Web Service Specifications for Interoperable Access and Services of NASA EOS Data
 14 Global MODIS Remote Sensing Data for Local Usage: Vaccess/MAGIC
 15 The NASA HDF-EOS Web GIS Software Suite
 16 Network Geographic Information System
 17 A Content-Based Search Method and Its Application for EOS
 18 The Impact of Precipitation and Temperature on Net Primary Productivity in Xinjiang, China from 1981 to 2000
 Appendix A Earth Science Remote Sensing Data and Services and Information Technology at the NASA/GES DISC DAAC
 Appendix B
 Appendix C Internet Links for Data Access (Search and Order)
 Index

<<地球卫星遥感 (卷2) >>

版权说明

本站所提供下载的PDF图书仅提供预览和简介, 请支持正版图书。

更多资源请访问:<http://www.tushu007.com>