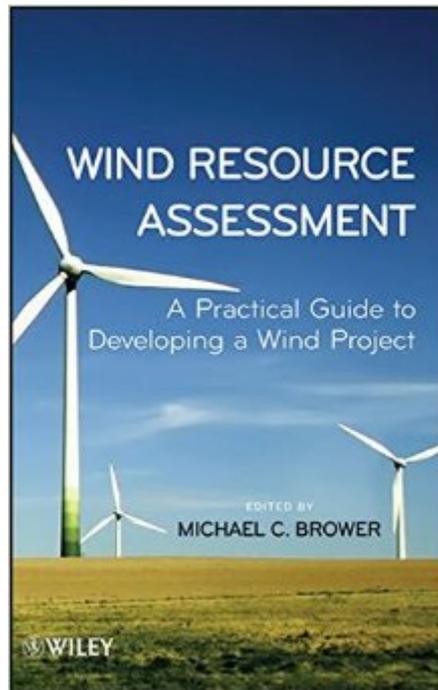


The book was found

Wind Resource Assessment: A Practical Guide To Developing A Wind Project



Synopsis

A practical, authoritative guide to the assessment of wind resources for utility-scale wind projects; authored by a team of experts from a leading renewable energy consultancy. The successful development of wind energy projects depends on an accurate assessment of where, how often, and how strongly the wind blows. A mistake in this stage of evaluation can cause severe financial losses and missed opportunities for developers, lenders, and investors. *Wind Resource Assessment: A Practical Guide to Developing a Wind Project* shows readers how to achieve a high standard of resource assessment, reduce the uncertainty associated with long-term energy performance, and maximize the value of their project assets. Beginning with the siting, installation, and operation of a high-quality wind monitoring program, this book continues with methods of data quality control and validation, extrapolating measurements from anemometer height to turbine height, adjusting short-term observations for historical climate conditions, and wind flow modeling to account for terrain and surface conditions. In addition, *Wind Resource Assessment* addresses special topics such as: Worker safety Data security Remote sensing technology (sodar and lidar) Offshore resource assessment Impacts of climate change Uncertainty estimation Plant design and energy production estimation. Filled with important information ranging from basic fundamentals of wind to cutting-edge research topics, and accompanied by helpful references and discussion questions, this comprehensive text; designed for an international audience; is a vital reference that promotes consistent standards for wind assessment across the industry.

Book Information

Hardcover: 296 pages

Publisher: Wiley; 1 edition (June 19, 2012)

Language: English

ISBN-10: 1118022327

ISBN-13: 978-1118022320

Product Dimensions: 6.3 x 0.7 x 9.5 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 2.7 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #560,158 in Books (See Top 100 in Books) #22 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Wind #2717 in Books > Science & Math > Nature & Ecology > Conservation #3596 in Books >

Customer Reviews

This is a great book on wind resource assessment for anyone in the wind energy field. It's worth having a copy!

Among other problems, the copy I received is missing pages 41-60!

It does not contain any new, state-of-art information. It can be used just as a very generic reference manual but all its content can be found somewhere else in the web.

[Download to continue reading...](#)

Wind Resource Assessment: A Practical Guide to Developing a Wind Project A Comprehensive Guide to Project Management Schedule and Cost Control: Methods and Models for Managing the Project Lifecycle (FT Press Project Management) Wind Power Basics: The Ultimate Guide to Wind Energy Systems and Wind Generators for Homes Cash in the Wind: How to Build a Wind Farm using Skystream and 442SR Wind Turbines for Home Power Energy Net-Metering and Sell Electricity Back to the Grid Piano Sonatinas - Book Three: Developing Artist Original Keyboard Classics (The Developing Artist) Developing Gestalt Counselling (Developing Counselling series) Python: Learn Python in One Day and Learn It Well. Python for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 1) CSS (with HTML5): Learn CSS in One Day and Learn It Well. CSS for Beginners with Hands-on Project. Includes HTML5. (Learn Coding Fast with Hands-On Project Book 2) C#: Learn C# in One Day and Learn It Well. C# for Beginners with Hands-on Project. (Learn Coding Fast with Hands-On Project Book 3) Successful Project Management (with Microsoft Project CD-ROM) Revised An Introduction to Project Management, Fourth Edition : With Brief Guides to Microsoft Project 2013 and AtTask Bundle: New Perspectives on Microsoft Project 2010: Introductory + Microsoft Project 2010 60 Day Trial CD-ROM for Shelly/Rosenblatt's Systems Analysis and Design Project Management for Mining: Handbook for Delivering Project Success The Wiley Project Engineer's Desk Reference: Project Engineering, Operations, and Management Trivia: The Rosie Project: A Novel By Graeme Simsion (Trivia-On-Books) (The Rosie Project & The Rosie Effect Bundle Book 1) The Laramie Project and The Laramie Project: Ten Years Later Project: Killer (Project Series Book 1) All-In-One Care Planning Resource, 3e (All-In-One Care Planning Resource: Medical-Surgical, Pediatric, Maternity, & Psychiatric Nursin) All-in-One Nursing Care Planning Resource:

Medical-Surgical, Pediatric, Maternity, and Psychiatric-Mental Health, 4e (All in One Care Planning Resource) All-in-One Care Planning Resource: Medical-Surgical, Pediatric, Maternity, and Psychiatric Nursing Care Plans (All-In-One Care Planning Resource: Med-Surg, Peds, Maternity, & Psychiatric Nursing)

[Dmca](#)