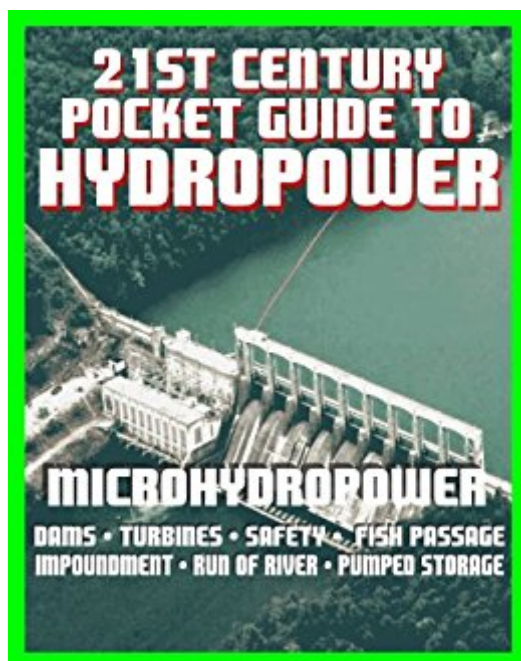


The book was found

# 21st Century Pocket Guide To Hydropower, Microhydropower And Small Systems, Incentives And Funding, Dams, Turbine Systems, Environmental Impact And Fish Passage, History, Research Projects



## Synopsis

This ebook provides comprehensive coverage of all aspects of hydropower, microhydropower, dams, and turbines, with information on everything from the basics, federal incentives and funding opportunities, environmental impact, fish passage, design concepts, practical small hydropower systems, federal research, and more. This large compendium, equating to over 90 book pages, is an excellent reference source for up-to-date hydropower information. The hydrologic cycle – water constantly moves through a vast global cycle, in which it evaporates from lakes and oceans, forms clouds, precipitates as rain or snow, then flows back to the ocean. The energy of this water cycle, which is driven by the sun, is tapped most efficiently with hydropower. Hydropower facility types include: Impoundment hydropower – uses a dam to store water. Water may be released either to meet changing electricity needs or to maintain a constant reservoir level. Pumped storage – pumps water from a lower reservoir to an upper reservoir at times when demand for electricity is low. During periods of high electrical demand, the water is released back to the lower reservoir to generate electricity. Diversion projects – channel a portion of the river through a canal or a penstock and may require a dam. The adjacent project did not require a dam. Microhydropower projects – produce 100 kilowatts (kW) or less. Microhydro plants can utilize low heads or highheads. If you’re considering building a small hydropower system on water flowing through your property, you have a long tradition from which to draw your inspiration. Today, small hydropower projects offer emissions-free power solutions for many remote communities throughout the world – such as those in Nepal, India, China, and Peru – as well as for highly industrialized countries, like the United States. This information will help you determine whether a small hydropower system will work for your power needs and whether your location is right for hydropower technology. It will also explain the basic system components, the need for permits and water rights, and how you might be able to sell the excess electricity you generate. This is a privately authored news service and educational publication of Progressive Management. Our publications synthesize official government information with original material - they are not produced by the federal government. They are designed to provide a convenient user-friendly reference work to uniformly present authoritative knowledge that can be rapidly read, reviewed or searched. Vast archives of important data that might otherwise remain inaccessible are available for instant review no matter where you are. This e-book format makes a great reference work and educational tool. There is no other reference book that is as convenient, comprehensive, thoroughly researched, and portable - everything you need to know, from renowned experts you trust. For over a quarter of a century, our news, educational, technical, scientific, and medical publications have made unique and valuable

references accessible to all people. Our e-books put knowledge at your fingertips, and an expert in your pocket!

## Book Information

File Size: 463 KB

Print Length: 125 pages

Simultaneous Device Usage: Unlimited

Publisher: Progressive Management (November 2, 2010)

Publication Date: November 2, 2010

Sold by:Â Digital Services LLC

Language: English

ASIN: B004AHKDK6

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #1,649,032 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #26

inÂ Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Civil > Hydrology

#45 inÂ Books > Engineering & Transportation > Engineering > Energy Production & Extraction >

Alternative & Renewable > Hydroelectric #683 inÂ Books > Engineering & Transportation >

Engineering > Energy Production & Extraction > Electric

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

21st Century Pocket Guide to Hydropower, Microhydropower and Small Systems, Incentives and Funding, Dams, Turbine Systems, Environmental Impact and Fish Passage, History, Research

Projects Smoking Meat: Fish Edition: Top 25 Amazing Smoked Fish Recipes (Smoked Fish

Recipes, Smoked Fish Cookbook, Smoked Fish Guide, Unique Smoking Fish Recipe Book,

Smoking Meat, BBQ Cookbook) Smoking Meat: Fish Edition. : Delicious Smoking Fish Recipes for

Everyone (Book 2, Smoked Fish Recipes Cookbook, Smoked Fish Guide, Unique Smoking Fish

Recipe Book, Smoking Meat, BBQ Cookbook) Business Funding Secrets: How to Get Small

Business Loans, Crowd Funding, Loans (Quick Guide) (Volume 1) Business Funding Secrets: How

to Get Small Business Loans, Crowd Funding, Loans from Peer to Peer Lending, and More Off-Grid

Living: How To Build Wind Turbine, Solar Panels And Micro Hydroelectric Generator To Power Up Your House: (Wind Power, Hydropower, Solar Energy, Power Generation) Adventure Guide Inside Passage & Coastal Alaska (Adventure Guide to the Inside Passage & Coastal Alaska) (Adventure Guide to Coastal Alaska & the Inside Passage) How To Build a Solar Wind Turbine: Solar Powered Wind Turbine Plans The Straight Talk Guide to Lawsuit Funding: An Introduction to Personal Injury Lawsuit Funding 21st Century Guide to Hydrokinetic, Tidal, Ocean Wave Energy Technologies - Concepts, Designs, Environmental Impact What Pet Should I Get? and One Fish Two Fish Red Fish Blue Fish Robotic Fish iSplash-MICRO: A 50mm Robotic Fish Generating the Maximum Velocity of Real Fish (High Speed Robotics. Mechanical engineering and kinematics for maximum velocity robot fish. Book 4) One Fish Two Fish Red Fish Blue Fish (I Can Read It All by Myself) Poisson Un Poisson Deux Poisson Rouge Poisson Bleu: The French Edition of One Fish Two Fish Red Fish Blue Fish (I Can Read It All by Myself Beginner Books (Hardcover)) One Fish Two Fish Red Fish Blue Fish (Beginner Books(R)) Wind Turbine Service Technician (21st Century Skills Library: Cool STEM Careers) Public Power, Private Dams: The Hells Canyon High Dam Controversy (Weyerhaeuser Environmental Books) Introduction to Cybercrime: Computer Crimes, Laws, and Policing in the 21st Century: Computer Crimes, Laws, and Policing in the 21st Century (Praeger Security International) Belwin's 21st Century Guitar Method, Bk 1: The Most Complete Guitar Course Available, Book & Online Audio (Belwin's 21st Century Guitar Course) Belwin's 21st Century Guitar Ensemble 1: The Most Complete Guitar Course Available (Student Book) (Belwin's 21st Century Guitar Course)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)