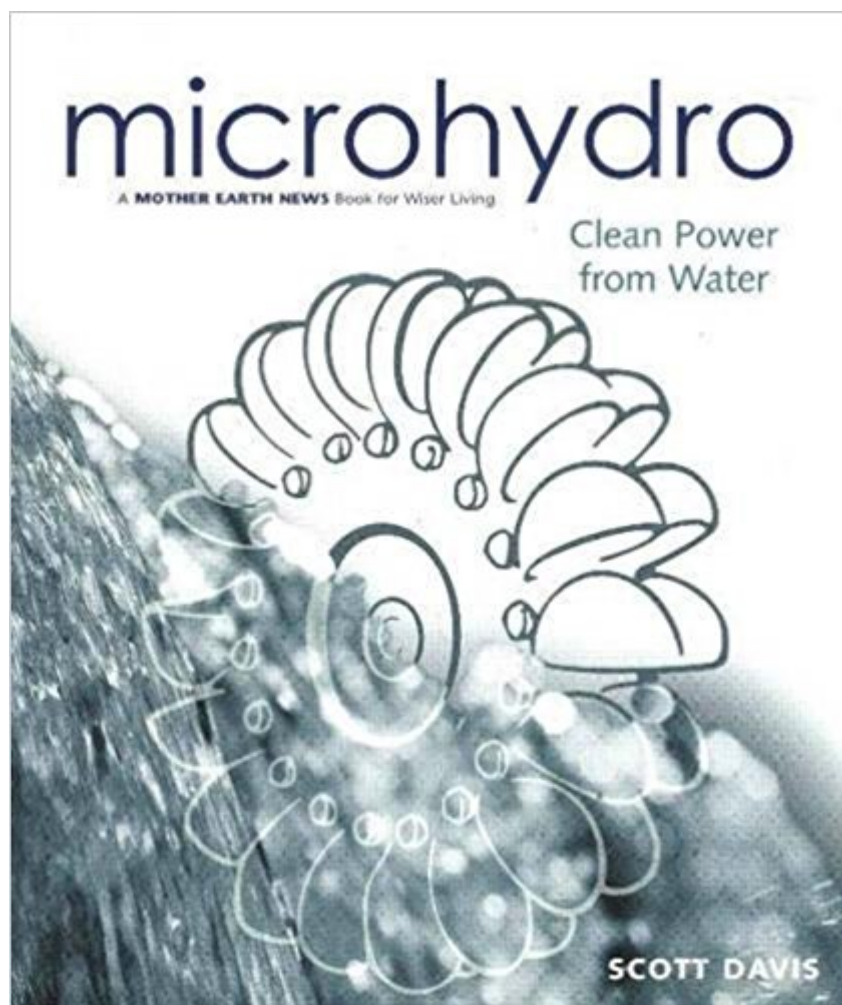




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Microhydro: Clean Power From Water (Wise Living)



Synopsis

Hydroelectricity is the world's largest and cleanest source of renewable energy. But despite lively interest in renewables generally, there is an information vacuum about the smallest version of the technology dubbed "the simplest, most reliable and least expensive way to generate power off grid." Highly illustrated and practical, Microhydro is the first complete book on the topic in a decade. Covering both AC and DC systems, it covers principles, design and site considerations, equipment options, and legal, environmental, and economic factors. Scott Davis has decades of experience operating, installing, designing, selling, and teaching about microhydro technology. An award-winner in the field, he currently works as a system designer and retailer with an alternative energy company for whom he has authored an on-line microhydro course.

Book Information

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Customer Reviews

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Scott Davis is an award-winning renewable energy project developer with decades of experience operating, installing, designing, selling and teaching about microhydro technology. He is the founder and president of Yalakom Appropriate Technology, and the author of Microhydro: Clean Air From Water. Scott lives in Victoria, British Columbia.

Not the best book I've read about Microhydro. I read one published in the 70's and it did a much better job explaining how electricity works and the problems associated with making power from water. Through out microhydro he make references to other parts of the book, it was kind of like teasers when you are watching bad tv, "in just a moment we'll find out what's in Al Capone's secret vault". It was like he didn't have enough to say so he kept stretching it out and repeating things he already said. He also kept talking about the case studies at the end of the book. They were not too informative. All and all I just wanted to let people know I was disappointed. This was supposed to be The Book on microhydro and it just didn't measure up . I more recently read a catch all book for wind, water and solar energy and it did a great job. I would recommend "Power with Nature Second Edition: Alternative Energy Solutions for Homeowners Updated"

I am an engineer. I was curious what kind of power that you can get from small power projects. This is an excellent book is describing what you can get from water with all the basic info on the elements: water, head, flow rate, battery, alternator, turbine. A feature of the book that I thought was very good is the rating system for how much power one needs on a scale of 1 to 6. In particular, I was interested in how much power to run a refrigerator. This book had the answer.

I have a passing interest in small scale microhydro. I was an electrician and electronics tech in a previous life. Where this book goes wrong is probably its strong point at the same time. It is written for those that have some training in electronics and electrical engineering. An average Joe would probably not get all of the references in this book, which is ok. Electricity, especially that which could be generated by one of these plants can be fatal. Mucking around with that is just dangerous. I think as a person that has training in this field, this book is still a bit inadequate. Because it attempts to straddle the line of easy to understand and at the same time be technical to the folks that need it, it never quite sits well with the general reader. Overall its still a pretty good book on the subject, probably not a primer but not useless either. Thanks for reading my review.

good svc

This book has equipped me with the skills I need to build my own microhydro power system. Many thanks to the author.

Item received timely and as advertised.

Great thanks

If you have a small stream, you can produce your own electricity. This book will be a big help. Easy to understand; not too technical. Great specific suggestions as well as a good overview of how this works.

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