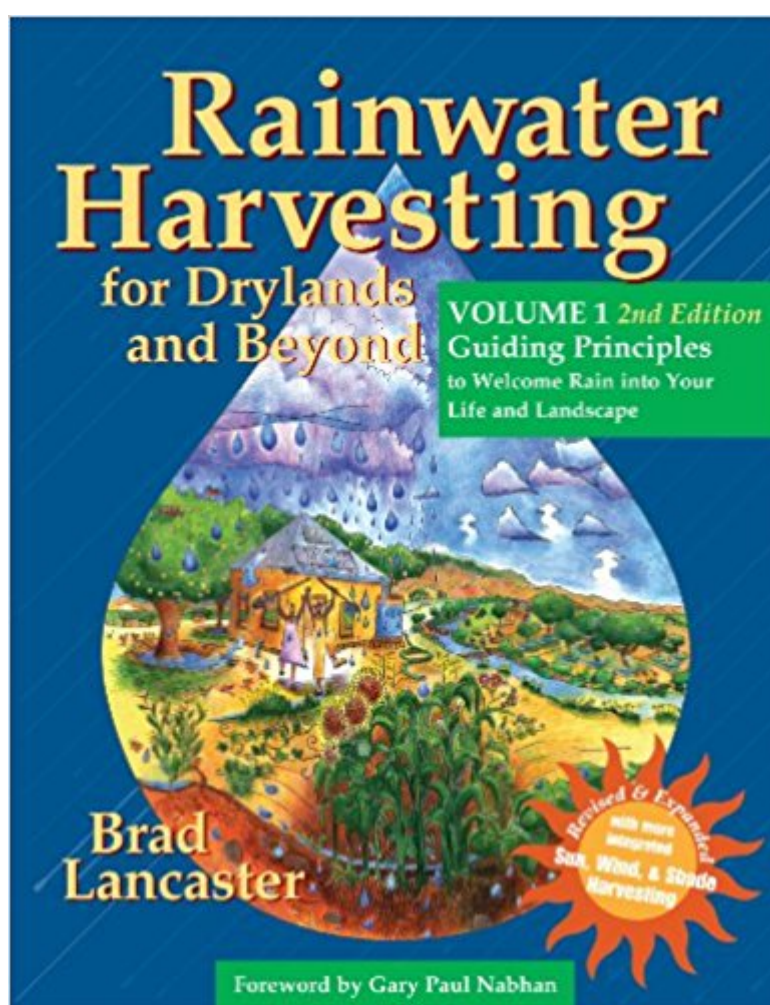


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# Rainwater Harvesting For Drylands And Beyond, Volume 1, 2nd Edition: Guiding Principles To Welcome Rain Into Your Life And Landscape



## Synopsis

The award-winning Rainwater Harvesting for Drylands and Beyond, Volume 1, 2nd Edition: Guiding Principles to Welcome Rain into Your Life and Landscape, is the first book in a three-volume guide that teaches you how to conceptualize, design, and implement sustainable water-harvesting systems for your home, landscape, and community. The lessons in this volume will enable you to assess your on-site resources, give you a diverse array of strategies to maximize their potential, and empower you with guiding principles to create an integrated, multi-functional water-harvesting plan specific to your site and needs. This revised and expanded second edition increases potential for on-site harvests with more integrated tools and strategies for solar design, a primer on your water/energy/carbon connections, descriptions of water/erosion flow patterns and their water-harvesting response, and updated illustrations to show you how to do it all. Volume 1 helps bring your site to life, reduce your cost of living, endow you with skills of self-reliance, and create living air conditioners of vegetation, growing beauty, food, and wildlife habitat. Stories of people who are successfully welcoming rain into their life and landscape will encourage you to do the same!

## Book Information

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## Customer Reviews

"Brad Lancaster's Rainwater Harvesting for Drylands and Beyond is an important book. Its teachings should not just be applied to drylands. It's about using hydrological cycles to create and support sustainable landscapes, and the lessons are universal and useful wherever you live. This book is where to start with environmental restoration. His story of 'The Man Who Farms Water' in

Africa is a microcosm and metaphor for the brilliant use of Nature's operating instructions. Most highly recommended!"--John Todd, Ph.D., Research Professor and Distinguished Lecturer, The Rubenstein School of Environment and Natural Resources, The University of Vermont: President, Ocean Arks International "Brad Lancaster offers simple, time-tested solutions to making better use of the water falling on properties. The tools and strategies presented have the potential to help homeowners replace nearly all their landscape water use with water derived from onsite sources: rainwater, stormwater runoff, and greywater."--Water Engineering Australia "In time of escalating resource scarcity and global conflict, this essential book helps us regain control of our water by showing us how to enhance our water supply with simple, fun, and effective strategies at home and beyond."--Maude Barlow, author of Blue Covenant and Senior Advisor on Water to the President of the United Nations General Assembly "This important and timely water-harvesting book reads like a conversation with a trusted friend. As such, it is an effective how-to and why-for manual for living within our means in our shared watersheds. Heartfelt thanks, Brad, for spotlighting the route to abundance in these arid climes!"--Barbara Clark, project manager, Teran Watershed Project, Cascabel, AZ "This book and the thinking behind it should be part of the basic education of civil engineers, architects, landscape architects and planners everywhere. As a civil engineer working for a progressive municipal water utility in an arid climate, I can see if a majority of our citizens followed these practices, many of our current and future challenges would be alleviated. The positive side benefits in terms of erosion-control, creation of bird habitat, and natural cooling would be exceptional."--Patricia Eisenberg, P.E., Past president, Arizona Society of Civil Engineers "I've been looking for a book like this for a long time. That is, one that will tell me, armed with a shovel and not a great deal of mechanical fussing or back-straining, to begin saving rainwater immediately. And in the process, save money, salve my conscience, and, best of all, come out ahead with a greener life."--Peter Wild, U.S. Water News

Brad Lancaster's Rainwater Harvesting for Drylands and Beyond is an important book. Its teachings should not just be applied to drylands. It's about using hydrological cycles to create and support sustainable landscapes, and the lessons are universal and useful wherever you live. This book is where to start with environmental restoration. His story of "The Man Who Farms Water" in Africa is a microcosm and metaphor for the brilliant use of Nature's operating instructions. Most highly recommended!"--John Todd, Ph.D., Research Professor and Distinguished Lecturer, The Rubenstein School of Environment and Natural Resources, The University of Vermont: President, Ocean Arks International

i read volume 2 first and was wondering if i should bother reading the 1st. i am really glad i did - there was definitely overlap but he covers a lot of other topics well (wind and solar energy; passive solar and maximizing winter sun; sun direction and movement...) giving a more rounded view of conservation and more ideas for your individual home. he was very detailed yet it was not boring or over the top technical. A great compliment to both books and the book i actually read before any of the rain harvesting books is "Gaia's Garden" by Toby Hemmenway. i feel all three of these books support each other in leading one to a more self reliant, sustainable way of life.

This is an extremely useful, well researched series. I live in the high desert of CA, where drought seems to be the natural state of things. It has a vast array of choices on water harvesting, so no matter what your situation, there is an option for you. You can employ these techniques whether you're building your own home on acreage, or living in the suburbs in a tract home. I wish more municipalities would employ these techniques. We grade land to maximize runoff. However, this breaks the cycle of replenishing the water resources we use. Water comes out of the ground to supply our drinking water, but it never recharges, but rather runs down the drain. This series not only teaches techniques on how to help water soak into the ground, and harvest it in cisterns, but also how to prevent standing water and mosquitoes, and how to create an outlet for overflow.

This book changed my life. He opens with an inspiring account of a farmer who transformed his dusty, unfruitful plot of dry land into a life-sustaining ecosystem. Then Lancaster moves into the details of planning. He provides useful calculating sheets and simply, but powerful illustrations to convey the principles of rainwater harvesting. I would recommend this book for anyone who wants to be inspired while taking steps to implementing this type of design. I am using the images and tools in the book to convince my landlord to fund a water-wise landscape in El Paso. It works because the images are easy to understand, regardless of your background expertise and make economic sense. There is a free PDF copy of the book available, but I chose to buy the hard copy because I appreciate the obvious hardwork that Lancaster put into this book which is brimming with research, resources and Precision.

I just purchased a piece of land in Arizona and this book is full of so much amazing information to be more water wise and create a sustainable future by creating a regenerative system instead of a degenerative system. Brad has integrated all the important harvesting techniques for water, sun and

shade so that you can make more conscious design decisions. If you are interested in having a more eco-friendly and sustainable property, then this book is for you!

Brad Lancaster is the ultimate "try it, test it, prove it" kind of guy. Everything expressed in his book is proven effective on his own property and home. He lives the life he espouses, and has transformed his neighborhood from dry and dusty to a lush, pleasant oasis. The streets of his neighborhood are safer with calming traffic circles, vegetation and public art. Several locations on the campus of the University of Arizona, Tucson now have water catchment systems and water re-use. In this volume are formulas to calculate runoff from rooftops, piping needed and recommended tank sizes as well as methods to disburse water when needed. It's amazing how much influence one individual's ideas can have on the city. Wherever you live, even in town on a tiny lot, or an apartment with a balcony, you can experience satisfying results.

Just looking at some of the pictures has given me loads of ideas for harvesting rain on my land! This is a must have book for anyone now days even if you live where it is "wet". Water is no longer cheap and every cent you can save is valued. This book will let you catch free water to use to water plants or animals. With some treatments it can even be used for human consumption. Always good info to have on hand - just in case.

We live in the desert. This book has been useful to my husband to take advantage of "capturing" water that flows across our property during heavy rains. Our motto about run off has become "let the water in, slow it down and spread it out." We capture some run off. Our trees appreciate it.

very good

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