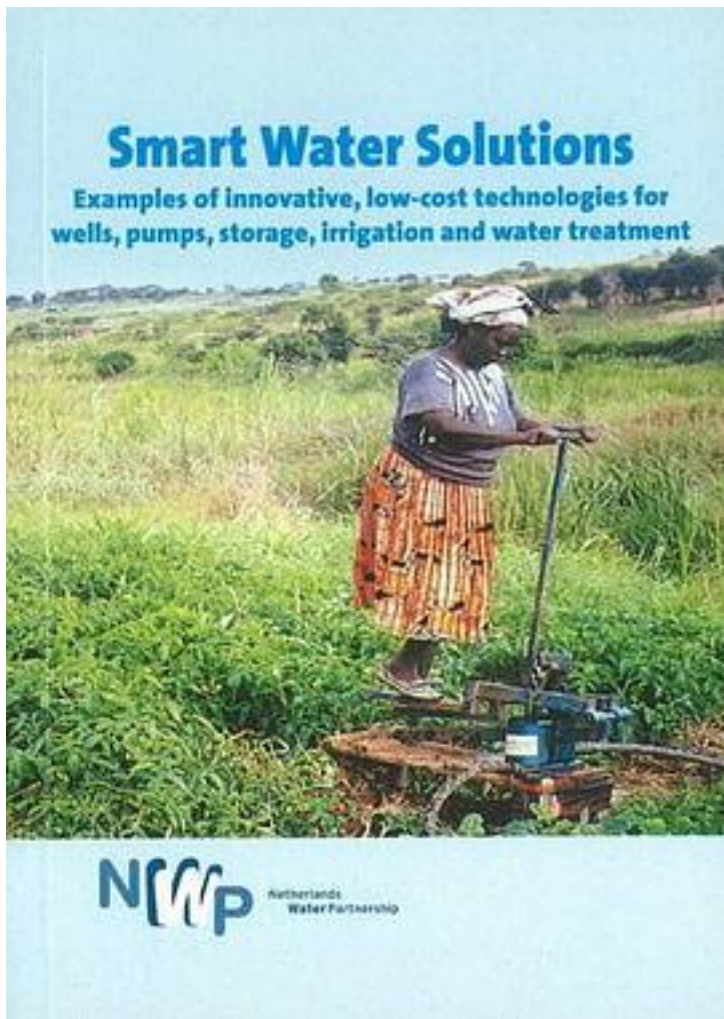


Smart Water Solutions



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Since the World Water Forum 2003 in Kyoto, the interest in small-scale low-cost water

technologies has increased. Target 10 of Millennium Development Goal 7 is to halve the proportion of people without sustainable access to safe drinking water and improved sanitation by 2015. The time for lengthy discussions is over. Now it is time for action. Political will, increased resources, affordable technologies and new partnerships are in place to increase access to safe drinking water and sanitation. We must realise, however, that most water facilities used by households or operated by small-scale enterprises were built without external support. This shows there are alternatives to the large centralised conventional systems. More importantly, small-scale solutions have proven to be cost effective. Implemented in large numbers, they can boost health, improve agricultural production and generate local business all at the same time. That is why large-scale dissemination of these technologies is crucial. Smart technologies like this help us to tackle poverty immediately. Capacity building in both software and hardware is equally important to success - not only for users and institutions, but also for small and medium-sized enterprises. This book gives examples of innovations such as the use of sunlight to purify water, effective low-cost water filters, low-cost drip irrigation and locally produced hand pumps that are five times cheaper than imported pumps. By using these technologies, poor rural families can double or even triple their annual income. The book is designed as a source of inspiration, rather than a 'how to' manual.

作者介绍:

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