

1. Record Nr.	UNINA9910800096803321
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Titolo	Water harvesting for agriculture in the dry areas // Theib Y. Oweis, Dieter Prinz, Ahmed Y. Hachum
Pubbl/distr/stampa	Leiden, The Netherlands ; ; Boca Raton, Fla. : , : CRC Press, , 2012
ISBN	0-429-18516-2 0-203-10625-3
Descrizione fisica	1 online resource (276 p.)
Altri autori (Persone)	PrinzDieter HachumAhmed Yousif <1945->
Disciplina	628.1
Soggetti	Water harvesting Rainwater Arid regions agriculture Water-supply, Agricultural
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A Balkema book.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Principles and practices of water harvesting -- Hydrological aspects of water harvesting -- Methods and techniques in water harvesting -- Runoff inducement methods -- Identification of areas suitable for water harvesting -- Planning and design of water harvesting systems -- Storage of harvested water -- Implementation, operation, and maintenance of water harvesting systems -- Socioeconomic issues -- Water quality and environmental considerations.
Sommario/riassunto	Dry areas suffer not only from limited rainfall but also 'natural leakage'-90% of rainwater is lost directly or indirectly, and is unavailable for agriculture or domestic use. Water harvesting is a low-cost, easy-to-use, environmentally-friendly way to recover a large part of this lost water. How does water harvesting work? Which sites or areas are best suited and how can these areas be identified? How to design, build and maintain a water harvesting system tailored to local needs? How can water harvesting contribute to combating land degradation, enhancing food security and adapting