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Titolo	Water Management, Partnerships, Rights, and Market Trends : An Overview for Army Installation Managers
Pubbl/distr/stampa	RAND Corporation, 2016
ISBN	0-8330-9513-7
Descrizione fisica	1 online resource
Soggetti	Economic systems and structures Environmental policy and protocols Environmental science, engineering and technology Management of assets: real estate, property and plant Water supply and treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	; 1. Introduction -- Background -- Purpose -- Methodology -- How to read this report -- ; 2. Background on U.S. water management trends and rights -- Historical approaches to water management focused on accessing water sources -- Water management today focuses on efficient management of existing resources -- Water management faces key challenges -- U.S. water rights -- Summary -- ; 3. Army installation water goals, project funding sources, and partnership opportunities -- Army installation water goals -- Funding sources for installation water investments -- Opportunities for government water partnerships -- Summary about partnerships -- ; 4. Water market mechanisms -- Water market mechanisms can be an effective way to allocate water -- Water rights regimes determine market feasibility -- Challenges in implementing water market mechanisms -- Water transfers: leasing and selling water -- Water auctions -- Water banks -- Block pricing -- Water quality trading -- Water market mechanism conclusions -- ; 5. Colorado and Fort Carson water case study -- Colorado water -- Fort Carson water case study -- Summary -- ; 6. Arizona and Fort Huachuca case study -- Understanding the Arizona water situation -- Fort Huachuca water case study -- Summary -- ; 7.

Findings and recommendations -- Water market findings --  
Recommendations regarding water markets -- Findings about  
installation water rights -- Installation water rights recommendations  
-- Findings about water partnerships -- Recommendations about  
installation water partnerships -- Other findings and  
recommendations.

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Sommario/riassunto

This report assesses water management, partnerships, rights, and market trends and opportunities, and how Army installations can potentially use them to improve programs and investments in water and wastewater systems. It provides examples from across the United States, along with detailed case studies of two states and two Army installations, and recommends ways to improve installation water security, programs, and infrastructure investments.

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