

1. Record Nr.	UNINA9910220159303321
Autore	Groves David G
Titolo	Estimating the value of water-use efficiency in the Intermountain West / / David G. Groves, James Griffin, Sara Hajiamiri
Pubbl/distr/stampa	RAND Corporation, 2008 Santa Monica, Calif. : , : RAND Corp., , 2008
ISBN	1-281-43017-X 9786611430177
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xviii, 69 pages) : illustrations (some color), color map
Collana	Technical report
Altri autori (Persone)	GriffinJames <1974-> (James P.) HajiamiriSara
Disciplina	363.6/10979
Soggetti	Water resources development - California Water-supply - California
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Sponsored by the William and Flora Hewlett Foundation."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover; Preface; Contents; Figures; Tables; Summary; Acknowledgments; Abbreviations; Chapter One - Introduction; Common Approach to Valuing Efficiency Programs; Systematic Assessment of Efficiency Benefits; Demonstration of Comprehensive Approach; Report Organization; Chapter Two - Denver Water Case Study; Introduction; Supply and Demand Projections; Sources of Supply; Chapter Three - Case-Study Methodology; Introduction; Estimating Avoided Costs; Estimating Environmental and Recreational Benefits; Addressing Uncertainty; Relating Efficiency Valuations to Efficiency-Program Planning Chapter Four - ResultsShort-Run Avoided Costs; Long-Run Avoided Costs; Environmental and Recreational Benefits; Total Benefits; Evaluating Efficiency Programs; Chapter Five - Summary and Conclusions; Appendix A - Avoided-Cost Model; Appendix B - Environmental-Benefit Modeling; Appendix C - Impact of Supply and Demand Changes on Long-Run Avoided Costs; Appendix D - Efficiency-Program Cost Estimates; References
Sommario/riassunto	Evaluating the cost-effectiveness of water-efficiency programs can be

difficult, because not all the benefits are easily quantified. This report presents an economic framework based on two tools from the California Urban Water Conservation Council to estimate the avoided costs and environmental benefits of an agency's efficiency programs. The report evaluates the benefits of Denver Water efficiency programs and uses an exploratory modeling approach to accommodate the significant uncertainty in such estimations. The results of this study suggest that the inclusion of long-run avoided costs and
