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An Overview of Rangelands in U.S. Arid/Semiarid Regions of the United States

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Technologies for Capturing and Detaining Water on Rangeland

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Technologies for Improving Off-Site Water Quantity, Quality, and Timing

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Mountain Snowpack

Snowpack Management in the Mountains of Arid and Semiarid Lands

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Biological Water Use Efficiency in Dryland Agriculture

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Irrigation

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Supply and Distribution of Water for Irrigation

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Efficient Use of Water on the Farm

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Social Sciences

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Allocating the Water Resource: Market Systems and the Economic Value of Water

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Economic Efficiency of Agricultural Water Use in the West

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Role of Economics in the Adoption of Water Use Technology in Agriculture

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Social impacts of Water Technology on Western Populations

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Selected Legal Constraints and **Opportunities**

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