

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search
http://ageconsearch.umn.edu
aesearch@umn.edu

Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.



Marketing & Agribusiness

Natural Resources & the Environment

Policy & Institutions

Regional & Community Development

Western Economics Forum

Special Issue: Western Water

Volume IX, Number 2

FALL 2010

Table of Contents

Lawrence J. MacDonnell	4
The Disappearing Colorado River	1
W. Douglass Shaw and Richard T. Woodward Water Management, Risk, and Uncertainty: Things We Wish We Knew in the 21 st Century	a
Things we wish we knew in the 21 Century	9
Bonnie G. Colby, Michael O'Donnell and Rosalind Bark Innovations for Supply Reliability: Role of Inter-jurisdictional Agreements	22
Kristiana Hansen Water Markets and Water Rights Markets in the Western United States	33
Steven Shultz Hedonic Price Modeling to Value Irrigated Agriculture	13

Editor's Foreword:

I am pleased to offer five articles in this **Special Issue** of the **Western Economics Forum** covering topics pertaining to Western Water. The initial article addresses institutional concerns as per the Colorado River. It is followed by an articulation of water supply risk and uncertainty. The third and fourth pieces provide some water allocation and mitigation perspectives. The final piece provides insights into the contribution of irrigation water to land values.

Donald M. McLeod

The Western Economics Forum

A peer-reviewed publication from the Western Agricultural Economics Association

Purpose

One of the consequences of regional associations nationalizing their journals is that professional agricultural economists in each region have lost one of their best forums for exchanging ideas unique to their area of the country. The purpose of this publication is to provide a forum for western issues.

Audience

The target audience is professional agricultural economists with a Masters degree, Ph.D. or equivalent understanding of the field that are working on agricultural and resource economic, business or policy issues in the West.

Subject

This publication is specifically targeted at informing professionals in the West about issues, methods, data, or other content addressing the following objectives:

- Summarize knowledge about issues of interest to western professionals
- To convey ideas and analysis techniques to non-academic, professional economists working on agricultural or resource issues
- To demonstrate methods and applications that can be adapted across fields in economics
- To facilitate open debate on western issues

Structure and Distribution

The Western Economics Forum is a peer reviewed publication. It usually contains three to five articles per issue, with approximately 2,500 words each (maximum 3,000), and as much diversity as possible across the following areas:

- Farm/ranch management and production
- Marketing and agribusiness
- Natural resources and the environment
- Institutions and policy
- Regional and community development

There are two issues of the Western Economics Forum per year (Spring and Fall).

Editor – Send submissions to:

Dr. Don McLeod

Editor, Western Economics Forum

Dept. of Ag & Applied Economics

University of Wyoming

Dept. 3354 1000 E. University Avenue

Laramie, WY 82071 Phone: 307-766-3116 Fax: 307-766-5544

email: dmcleod@uwyo.edu