

## **Christopher G. Goemans**

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Department of Agricultural and Resource Economics

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### **Education**

Ph.D. Economics, University of Colorado at Boulder, 2006

M.A. Economics, University of Colorado, 2000

B.A. Economics, University of Maine, 1997

### **Current Professional Position**

Assistant Professor, Department of Agricultural and Resource Economics, Colorado State University

### **Past Positions**

#### ***Academic***

*Visiting Scholar*, Institute for the Study of Competition and Regulation, Victoria University of Wellington, Summer 2008

*Post-Doctoral Research Associate*, Cooperative Institute for Research in Environmental Science, University of Colorado, Summer 2006 to Summer 2007

*Adjunct Instructor*, University of Colorado at Denver, Fall 2003 to Spring 2004

*Research Assistant*, Western Water Assessment, NOAA/CU, Summer 2000 to Summer 2005

*Research Assistant to Professor Charles W. Howe*, University of Colorado (Department of Economics), Summer 1999 to Spring 2000.

#### ***Other***

*Senior Associate*, Harvey Economics (Denver, Co), Fall 2003-Fall 2005.

*Assistant Contractor (under Prof. Charles Howe)*, Brown and Caldwell (Denver, Co), Fall 2002.

### **Published Work**

*Estimated Impacts of Climate Change Legislation on New Mexico Agriculture*, 2011 NM State AES Bulletin 801

*The Economics of Nested Names: Name Specificity, Reputations, and Price Premia*, American Journal of Agricultural Economics, Volume 92, Issue 5, 2010 (with M. Costanigro and J. McCluskey)

*Western Households' Water Knowledge, Preferences, and Willingness to Pay*, Canadian Journal of Agricultural Economics, Volume 58, Issue 4, 2010 (with J. Thorvaldson and J. Pritchett)

*Estimated Impacts of Climate Change Legislation on New Mexico Agriculture*, NMSU, Agricultural Experiment Station Technical Report, Accepted (with B. Hurd, G. Frisvold, and J. Stone)

*The Costs and Benefits of Preventative Management for Zebra and Quagga Mussels*, Colorado Water, Volume 27, Issue 5, 2010 (with C. Thomas and C. Bond)

*The Complexities of Conservation Research Needed to Incorporate Conservation Savings into Utility Water Supply Planning*, Colorado Water, Volume 27, Issue 4, 2010 (with J. Stone)

*Alternatives to Permanent Water Transfers using the Farmers Reservoir and Irrigation Company System*, Colorado Water, Volume 27, Issue 1, 2010 (with S. Kroll and K. DiNatale)

*Understanding Weather's Impact on Household Water Demand*, Colorado Water, Volume 26, Issue 5, 2009 (with C. Canable)

*Water Rights and Climate Change*, Intermountain West Climate Summary, March 2009 (with D. Kenney and R. Klein)

*Residential Water Demand Management: Lessons from Aurora, Colorado*, Journal of American Water Resource Association, February 2008, Vol. 44, No. 1 (with D. Kenney, R. Klein, J. Lowrey, and K. Reidy)

*The Simple Analytics of Demand Hardening*, Journal of American Water Works Association, October 2007, Vol. 99, No. 10 (with C. Howe)

*Residential Water Demand Management in Aurora: Lessons from the Drought Crisis*, Colorado Water, Volume 24, Issue 1, 2007 (with D. Kenney, R. Klein, J. Lowrey, and K. Reidy)

*Water Transfers and Their Impacts: Lessons from Three Colorado Water Markets*, Journal of the American Water Resources Association, October 2003 (with C. Howe)

*Effectiveness of Water Rate Increases Following Watering Restrictions*, Journal of the American Water Works Association, October 2002 (with C. Howe)

*South Platte Regional Assessment Tool*, Intermountain West Climate Summary, April 2006

### **Agency Reports**

*Impacts of Climate Change Legislation on Agriculture in the Rocky Mountain States: Arizona, Colorado and New Mexico*, American Farmland Trust project report, 2010 (with B. Hurd, G. Frisvold, and J. Stone)

*The Impact of Earlier Spring Snowmelt on Water Rights and Administration: A preliminary Overview of Issues and Circumstances in the Western States*, Western Water Assessment Project Report, 2008 (with D. Kenney, Roberta Klein, Christina Alvord, and Julie Shapiro)

### **Currently under Review**

*Accounting for the Interaction of Price and Mandatory Restrictions when Estimating Residential Demand for Water*, Journal of Natural Resource Research (with J. Stone and M. Costanigro)

*Rotational Fallowing: Participation, Payment, and Scope*, Journal of American Water Resources Association (with Jennifer Thorvaldson and James Pritchett)

### **Teaching Experience**

*Advanced Water Resource Economics* (Colorado State University)

*Water Resource Economics* (Colorado State University)

*Water Law, Policy and Institutions* (Colorado State University)

*Graduate and Senior Undergraduate Forecasting* (University of Colorado at Denver)

*Principles of Microeconomics and Macroeconomics* (CSU and UC Denver)

### **Select Conference/Seminar Presentations**

*Water in the West: Current Use and Future Challenges*, 13th Annual Farmers Cooperatives Conference, Broomfield, CO., 12/06/2010

*The Impact of Leasing on Water Rights Markets: An Experimental Analysis*, 2010 South Platte Forum, Longmont, CO, 9/24/10 (with S. Kroll)

*Feasibility Study to Assess the Potential of Urban Water Conservation to Meet Future Demand*, CO WaterWise 2nd Annual Conservation Workshop, Denver, CO, 9/24/10

*Economic Incentives for Demand Reduction*, Invited Speaker, Western Water Law, Policy, and Management: Ripples Currents, and New Channels for Inquiry, CU Natural Resources Law Center, June 2009

*Valuing Water: Taking into Consideration the Timing, Location, and Type of Use*, Invited Speaker, Water Law, Policy Science Conference, U. of Nebraska, April 2009

*Allocating Water Among Competing Uses: The Potential for Water Markets in New Zealand*, Institute for the Study of Competition and Regulation, July 2008

*The Medium-term Impacts of Natural Disasters in Brazil*, Invited Speaker, Williams College Symposium on Global Warming and Developing Countries, April 2008

*Residential Demand Management as a Drought Coping Tool: Lessons from Aurora, Colorado*, American Water Resources Association 2007 Annual Conference, November 2007

*Modeling the Future of Water Resources: An Overview and Results from the South Platte Regional Assessment Tool*, 2007 South Platte Forum, October 2007

*Quantity Uncertainty: The Case of Water Smart Readers*, 2007 University of Colorado Environmental and Resource Economics Workshop, September 2007

*Behavioral and Econometric Lessons from Urban Water Demand under Extreme Drought: Focus on Aurora, Colorado*, Department of Agricultural and Resource Economics & Department of Economics U.S. Forest Service Rocky Mountain Research Station Spring 2007 Seminar Series, February 2007

*Municipal Water Planning: Identifying which households respond to demand management programs and by how much*, Colorado's Future 2006 Water Conference, October 2006

*Optimal Policy Instruments for Utilities Using Increasing Block Rate Pricing*, Heartland Environmental and Resource Economics Workshop, September 2006

*The Effects of Economic and Social Conditions on the Functioning of Water Markets*, European Association of Environmental and Resource Economists (EAERE), Eleventh Annual Conference, Southampton UK, June 2001

## **Select Policy Presentations**

*Residential Water Demand Management*, presentation to Aurora Water and Citizens Advisory Board (May 6, 2009)

*Alternatives to Permanent Water Transfers*, presentation to various South Platte irrigators (July 2009, August 2009, September 2009, and November 2009)

## **Select Grants**

*Principal Investigator*, “*Estimating the Cost Effectiveness of Water Conservation Programs*”, Jointly funded by the Colorado Water Institute and Colorado Water Conservation Board (\$85,000)

*Co-principal Investigator*, “*Adaptive Management of Zebra and Quagga Mussels in Colorado*”, Jointly funded by the Colorado Water Institute and Colorado Water Conservation Board (\$85,000)

*Co-principal Investigator*, “*Alternative Water Transfers in the South Platte Basin using the Farmers Reservoir and Irrigation Company System*”, Colorado Water Conservation Board (\$250,000)

*Co-principal Investigator*, “*Residential Water Demand Management: Lessons from Aurora, Colorado*”, NOAA Regional Integrated Sciences and Assessments, Western Water Assessment Program, 2006 (\$60,000).

*Co-principal Investigator*, “*Assessing the Impacts of Climate Variability, Population Growth, and Changing Infrastructure on Future Water Supplies and Demands: The South Platte River Basin*”, NOAA Regional Integrated Sciences and Assessments, Western Water Assessment Program, 2004 (\$85,000).

*Principal Investigator*, “*Evaluating the Potential for Agricultural Water Transfers: Satisfying Municipal Water Demands During the Next 40 Years*”, NOAA Regional Integrated Sciences and Assessments, Western Water Assessment Program, 2004 (\$10,000).

## **Awards**

2010 Charles N. Shepardson Faculty Teaching Award

Chosen as one of Alpha Gamma Rho’s honored professors (fall 2008, spring 2009, fall 2009)

Recognized by the athletic department at the 2009 Ram-Scholar Athlete brunch as "one of our student athletes' most influential faculty members"