

# DAVID ZETLAND

August 18, 2010

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## CONTACT INFORMATION

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Blog:	<a href="http://aguanomics.com/">http://aguanomics.com/</a>	
Social:	Linkedin	

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## PROFESSIONAL PHILOSOPHY

I began my PhD in development and ended in environmental and natural resources. Throughout, I studied market and government failure using institutional and experimental methods. Since I finished my PhD, I have spent most of my time communicating economics to the public — blogging at [aguanomics.com](http://aguanomics.com), giving public talks and meetings with policymakers. I am now writing a professional trade book (*The End of Abundance: A Primer on Water Economics*, UC Press). I spend about half my time on teaching and applying economics, the rest on research and writing.

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## ACADEMIC EMPLOYMENT

Simon Fellow	Property and Environment Research Center (1 month in 2010) while writing <i>The End of Abundance</i> .
Instructor	UC Berkeley, Agricultural & Resource Economics (Fall 2009): Environmental Economics and Policy 100 (90 students). Watch videos/listen to mp3s here.
Wantrup Fellow	UC Berkeley (2008–2010): S.v. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy, working with Michael Hanemann.
Visiting Fellow	Mercatus Center (2 months in 2008): Research on regulation and water management with Richard Williams and Karol Boudreaux.
Research Asst.	UC Davis, Agricultural & Resource Economics (6 quarters) for Richard Howitt: Performed research on various water issues and assisted in preparation of manuscript on positive mathematical programming.
Teaching Asst.	UC Davis, Agricultural & Resource Economics: Development (3 qtrs), Intermediate Micro (3 qtrs) and Capital Budgeting (1 qtr): Prepared and led weekly discussion sections, held office hours and review sessions, and graded exams and homework.

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## EDUCATIONAL HISTORY

Apr 2008	Ph.D. (Agricultural and Resource Economics), University of California, Davis.
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Dissertation: Conflict and Cooperation within an Organization: A Case Study of the Metropolitan Water District of Southern California [LINK] under the guidance of Richard J. Sexton (chair), Stephen R. Boucher, Richard E. Howitt and Stephan Kroll.

Fields: Economics of Development, Environment & Resources, and Industrial Organization. Overall GPA = 3.65

- Dec 2003 M.S. (Agricultural and Resource Economics), University of California, Davis.
- Mar 1991 B.A. (Business-Economics, *Phi Beta Kappa*, *Magna cum Laude*, Departmental Honors, Honors College), University of California, Los Angeles.
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## REFEREED PUBLICATIONS

- In Press "Save the poor, shoot some bankers" in *Public Choice*.
- Fall 2010 "The Real Estate Market Index" [working paper link] in *The Real Estate Finance Journal* Fall 2010: 77–91.
- Forthcoming "An auction market for journal articles" (with Jens Prüfer) in *Public Choice*.
- Spring 2010 "Teaching economic principles: algebra, graph or both?" (with Carlo Russo and Navin Yavapolkul) in *The American Economist* 55(1) 123–131.
- March 2010 "Water Reallocation in California: A Broken Hub Will Not Wheel" in *Journal of Contemporary Water Research & Education* 144: 18–28.
- October 2009 "The end of abundance: How water bureaucrats created and destroyed the southern California oasis" in *Water Alternatives* 2(3): 350–369.
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## BOOKS AND CHAPTERS

- 2011 *The End of Abundance: A Primer on Water Economics*. University of California Press (Berkeley).
- 2011 Entries on the "Colorado River Aqueduct" [draft version] (750 words), "Metropolitan Water District of Southern California" [draft version] (1,000 words), and "Water, Population and Growth" [draft version] (2,000 words). *Water Politics and The Environment in The United States: An Encyclopedia*, CQ Press/SAGE (Washington, DC).
- 2010 "Do Water Managers Cooperate in Public Goods Games?" [working paper link] in *Handbook on Experimental Economics and the Environment*, edited by John List and Michael Price. Edward Elgar (Northampton, MA).
- 2009 Conflict and Cooperation within an Organization: A Case Study of the Metropolitan Water District of Southern California VDM Verlag (Saarbrücken, Germany)
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## PAPERS

Titles are hyperlinks. Click to download PDFs. "\*" = submitted; "\*\*" = revise and resubmit

- Aug 10 All-in-Auctions: Markets for Water
- Mar 10\* Water rights and human rights: The poor will not need our charity if we need their water
- Dec 08 Focal Points in Public Goods Games: Explicit Information Increases Reciprocation

Sep 07	The Effects of Endogenous Exchange Rates on Behavior in Public Goods Experiments (with Stephan Kroll)
Jun 03	Killing the Golden Goose? Tourism and Deforestation in Nepal
Jan 03	Markets for Afghan Opium and US Heroin

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#### POPULAR/INDUSTRY PRESS

Jul	"Water Rights and Human Rights: The Poor Will Not Need Our Charity if We Need Their Water" in <i>Global Water Program Magazine</i> 1(1).
Apr 2010	"Water Rights and Human Rights" in <i>Forbes Magazine</i> 185(6): 24.
May	"Market profile: California's Water Crisis" in <i>Global Water Intelligence</i> May: 29–32.
May	"Can We Rely on Technology to Guarantee Future Water Resources?" in <i>Canadian Water Treatment</i> May/June: 18.
Jan 2009	Interviewee at Bloomberg on the Economy
Sep	Guest blogger at Freakonomics
Aug	Guest blogger at Environmental Economics (also May 2008)
Jul	Guest appearance on Fox Business News: Neil Cavuto, July 17.
Jul 2008	"The Water Shortage Myth" at <a href="http://forbes.com">forbes.com</a>
Oct 2005	"Free Trade Can Be Fair Trade". <i>Natural Choices: The Davis Co-Op Newsletter</i> October: 7. International version at <i>Global View</i> 2005/IV: 20–21.

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#### POST-PHD CONFERENCES, SEMINARS AND TALKS

Also see [this page] for public talks and media interviews and [water chats] posted to my blog.

24 Aug	Invited speaker ("The Case for Effective Water Pricing") to Water Innovations Alliance
16 Aug	Seminar at PERC ("All-in-Auctions")
27 May	Guest lecturer to Presidio Graduate School MBA class ("on water")
4 May	Invited speaker to HP Labs ("Monopoly, corruption and misinformation: The three problems with water managers")
16 Apr	Invited speaker to UCB Environmental Engineering Seminar ("The politics and economics of big infrastructure: How to dig ourselves out of the hole")
10 Apr	Selected paper ("Joseph Jensen and the Metropolitan Water District of Southern California") at Oil + Water (Santa Barbara)
5 Apr	Invited speaker ("Water and human rights") to Global Environmental Policy class (Trent University, Canada).
25 Mar	Speaker ("Do water managers cooperate in public goods games?") at the University of Canterbury (New Zealand)
19 Feb	Selected paper ("All-in-Auctions") at Asia-Pacific ESA (Melbourne)

10 Feb 2010 Selected paper ("All-in-Auctions") at AARES (Adelaide) — *withdrawn*

7 Dec Invited speaker ("Sustainability and the End of Abundance") at Sustainable Silicon Valley (Mountain View, CA)

2 Dec Attendee at Corporate Water Footprinting (San Francisco)

6 Nov Attendee at International Water Resource Economics Consortium (Berkeley)

20 Oct Invited speaker to BEACN group (pro-green non-profit consulting group @ UC Berkeley)

15 Oct Invited speaker ("Personal, Communal, and Political Dimensions of Sustainability: A Conversation with David Zetland") at Rhodes College (Memphis, TN)

7 Oct Selected paper ("The Political Economy of Water Pricing") at AWWA-CA-NV (Las Vegas)

26 Jun Selected paper ("All-in-Auctions") at EAERE (Amsterdam)

20 Jun Selected paper ("All-in-Auctions") at ISNIE (UC Berkeley)

18 Jun Selected paper ("All-in-Auctions" and "Conservation Pricing") at ACE09 (San Diego)

4 Jun Attendee at "Behavioral Economics: What Can It Contribute to Environmental and Resource Economics" (Bellingham, WA)

7 May Invited speaker ("All-in-Auctions") at Water Rights Sales and Transfers Workshop (Phoenix)

4 May Organizer and speaker ("Discussion: Climate Change Dynamics in Theory, Experiments and Reality") at Economic Games and Mechanisms to Address Climate Change (MSRI, Berkeley)

27 Apr Invited speaker at Liberty on The Mind Conference: California's Bankruptcy and Its Economic Future (Santa Clara, CA)

21 Apr Invited speaker ("Sector Showcase: Emerging Opportunities in Water") at the Investors' Circle Conference (San Francisco)

21 Apr "Raise prices" at KSRO

20 Apr "Raise prices" at KCBS

10 Mar Presenter ("Water Utilities and Insurance") at Hydrolunch and ERE Workshop (18 Mar), UC Berkeley

4 Mar Invited panelist on "California's Water Crisis" at KALW

2 Mar Interviewed for "There is No Water Shortage" at KFMB

27 Feb Workshop leader ("All-in-Auctions") to the Scotts River RCD

19 Feb Invited speaker at the Business Council on Climate Change, San Francisco

8 Feb Selected paper ("An Integrated Solution to Water Mismanagement in the West") at BIL in Long Beach

6 Feb Invited speaker ("The Decline of Engineers and Rise of Economists") at Stanford Engineering

5 Feb Invited speaker, "Elemental Interactions: WATER!" at the Black Rock Art Foundation (San Francisco)

3 Jan 2009 Attendee at ASSA (San Francisco)

13 Dec	Invited speaker, Building-Integrated Sustainable Agriculture in Berkeley
9 Dec	Invited speaker ("All-in Auctions") to California Coastal Conservancy (also presented to ARE/hydrolunch @ UCB)
13 Nov	Selected paper ("All-in Auctions" and "Focal Points and Gender") at ESA in Tucson
22 Oct	Invited speaker, National Association of Water Companies in Santa Fe
23 Sep	Invited participant, IBM's Global Innovation Outlook Deep Dive (Water) in Atlanta
6 Aug	Panelist, PPIC report on the Future of the Delta at UC Davis
31 Jul	Panelist, Summer Graduate Workshop on Climate Change at MSRI (UC Berkeley)
26 Jun 2008	Attendee at ESA (Pasadena)

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## REVIEWER

AAEA/ASSA sessions, American Economist, Environmental and Resource Economics, H-Water Reviews (x3) at H-Net, Journal of Environmental Economics and Management, Journal of Law, Economics, and Organization, National Science Foundation (x3), Water Alternatives, Wiley Press

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## CONSULTING

California American Water, RMC Water and Environment, Scott River Water Trust

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## GRANTS AND FUNDING

2009	Seed funding (\$2,000) for All-in-Auctions from UC Berkeley's X-Lab
2006	Giannini Foundation Research Minigrant (\$10,000) and Jastro-Shields Graduate Research Scholarship (\$2,500)
2005	Giannini Foundation Research Minigrant (\$10,000), FTE GEFL fellow (\$1,000), Jastro-Shields Graduate Research Scholarship (\$1,000) and Hayek Fund for Scholars (\$250)
2004	Jastro-Shields Graduate Research Scholarship (\$600)
2002	Graduate Opportunity Fellowship (\$25,000)

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## GRADUATE SUMMER SCHOOLS

2007	"Economics of Corruption" (ICCR, University of Passau, Germany)
2005	"Institutional Economics in the 21 <sup>st</sup> Century" (AFEE, Colorado State University); "Economics for Leaders" (FTE, Claremont University); "Economics, Extra-legal Protection and Organized Crime" (ESD, Steyr, Austria); "Social Change Workshop for Graduate Students" (IHS, University of Virginia)
2004	"Graduate Student Program in Experimental Economics" (IFREE, George Mason University)
2003	"Free-Market Environmentalism" (PERC, Bozeman, MT)

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## REFERENCES

**Stephen R. Boucher** ([boucher@primal.ucdavis.edu](mailto:boucher@primal.ucdavis.edu); 530-752-1527)  
Associate Professor, Department of Agricultural and Resource Economics  
University of California, Davis 95616 USA

**Michael Hanemann** ([hanemann@are.berkeley.edu](mailto:hanemann@are.berkeley.edu); 510-841-6443)  
Chancellor's Professor, Department of Agricultural & Resource Economics and  
Goldman School of Public Policy. Director, California Climate Change Center  
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**Richard E. Howitt** ([howitt@primal.ucdavis.edu](mailto:howitt@primal.ucdavis.edu); 530-752-1521)  
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**Stephan Kroll** ([stephan.kroll@colostate.edu](mailto:stephan.kroll@colostate.edu); 970-491-0887)  
Assistant Professor, Department of Agricultural and Resource Economics  
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**Richard J. Sexton** ([sexton@primal.ucdavis.edu](mailto:sexton@primal.ucdavis.edu); 530-752-4428)  
Professor, Department of Agricultural and Resource Economics  
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