

MAXIMILIAN AUFFHAMMER

CONTACT INFORMATION

Agricultural and Resource Economics Department
University of California, Berkeley
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PERSONAL

Marital Status: Married to Lori Gordon Auffhammer
Children: Noah Auffhammer (born 09/2008)
Date of Birth: July 23, 1973
Citizenship: US/Germany (Dual)

CURRENT EMPLOYMENT

UNIVERSITY OF CALIFORNIA, BERKELEY (July 2003 - Present)
Associate Professor (with tenure) in Agricultural and Resource Economics / IAS (July 2009 - Present)
Assistant Professor in Agricultural and Resource Economics / IAS (July 2003 - June 2009)
Vice Chair of Political Economy Major (2006 - Present)
Affiliate Faculty Energy and Resources Group (2008 - Present)
Visitor UC Energy Institute (2006 - Present)

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO (August 1998 - June 2003)
Ph.D. in Economics, (June 2003).
C.Phil. in Economics, (December 2001).

UNIVERSITY OF MASSACHUSETTS, AMHERST (March 1993 - August 1998)
Master of Science (Resource Economics & Econometrics), (August 1998).
Bachelor of Science (Environmental Sciences), (June 1996).

REFERENCES

Professor Richard T. Carson UCSD Department of Economics 9500 Gilman Drive La Jolla, CA 92093-0508 Tel: (858) 534-3383 Email: rcarson@ucsd.edu	Professor Matthew Kahn UCLA Institute of the Environment La Kretz Hall, Suite 300 619 Charles E. Young Drive Los Angeles, CA 90095 Tel: (310) 794-4904 Email: mkahn@ioe.ucla.edu	Professor Jeffrey Vincent Duke University Nicholas School A118 LSRC Box 90328-0328 Durham, NC 27708 Tel: (919) 613-8025 Email: jeff.vincent@duke.edu
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REFEREED PUBLICATIONS

The Field of Environmental and Resource Economics: A Google Scholar Perspective. forthcoming.
Review of Environmental Economics and Policy

Measuring the Effects of the Clean Air Act Amendments on Ambient PM₁₀ Concentrations: The critical importance of a spatially disaggregated analysis. (w/ A. Bento and S. Lowe). 2009. *Journal of Environmental Economics and Management.* 58(1): 15-26.

Exploring the Number of First Order Political Subdivisions Across Countries: Some Stylized Facts (w/ R.T. Carson) 2009. *Journal of Regional Science.* 42(2): 243-261.

Demand Side Management and Energy Efficiency Revisited. (w/ C. Blumstein and M. Fowlie). 2008. *The Energy Journal.* 29(3): 91-104.

Forecasting The Path of China's CO₂ Emissions Using Province Level Information (w/ R.T. Carson). 2008. *Journal of Environmental Economics and Management.* 47(1): 47-62.

Climate, Extreme Heat and Energy Demand in California (w/ N. Miller, K. Hayhoe, J. Jin) 2008. *Journal of Applied Climatology and Meteorology.* 47: 1834-44

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Statistical Models for Measuring the Impacts of ABCs on Agriculture in Asia (w/ J. Vincent) *Atmospheric Brown Clouds Regional Climate Change and Agriculture Impacts: First Assessment Report*. United Nations Environment Programme: Nairobi, Kenya.

The Future Trajectory of US CO₂ Emissions: The Role of State vs. Aggregate Information. (w/ R. Steinhauser). 2007. *Journal of Regional Science*. 47(1): 47-62.

The Rationality of EIA Forecasts under Symmetric and Asymmetric Loss. 2007. *Resource and Energy Economics*. 29(2): 102-121

Integrated model shows that atmospheric brown clouds and greenhouse gases have reduced rice harvests in India. (with V. Ramanathan and J. Vincent) 2006. *Proceedings of the National Academies of Sciences*. 103: 19668-19672.

Production of Chlorofluorocarbons in Anticipation of the Montreal Protocol. (w/ B. Morzuch and J. Stranlund). 2005. *Environmental and Resource Economics*. 30: 377-391.

NON-REFEREED PUBLICATIONS

Economic Impacts of Climate Change. 2008. in *Encyclopedia of Global Warming and Climate Change*. Russell Sage Press.

The Montreal Protocol. 2007. in *Encyclopedia of the Environment*. Russell Sage Press.

Transportation. in *Managing Greenhouse Gas Emissions in California* (Alex Farrell and Michael Hanemann, Editors) with Michael Hanemann and Sarah Szembelan. Energy Foundation: San Francisco, CA.

The Role of Energy Efficiency. in *Managing Greenhouse Gas Emissions in California* (Alex Farrell and Michael Hanemann, Editors) with Alan Sanstad and Michael Hanemann. Energy Foundation: San Francisco, CA.

Exploring Structural Differences in Carbon Dioxide Emissions of China's Provinces. (with Richard Carson and Teresa Garin Munoz). 2003. Policy report to the Institute on Global Conflict and Cooperation.

WORKING PAPERS

Consequences of Data Error in Aggregate Indicators - Evidence from the Human Development Index 2008. (w/ H. Chong and H. Wolff) (Revisions requested from the *Economic Journal*)

A Framework for Forecasting the Path of US CO₂ Emissions Using State-Level Information. 2008. (w/ R. Steinhauser) (Revisions requested from the *Review of Economics and Statistics*)

Delegation of Power, Lobby Formation and the Implementation of the 1990 Clean Air Act Amendments. 2006. (w/ A. Bento and S. Lowe) (Revisions requested from *Land Economics*)

Specification and Estimation of the Transfer Function in Paleoclimatic Reconstructions. 2006. (w/ S.J. Yoo and B. Wright)

Clearing the Air? The Effects of Gasoline Content Regulation on Air Quality. 2009. (w/ R. Kellogg). submitted.

Impacts of Climate Change on Residential Electricity Consumption: Evidence From Billing Data 2009. (w/ A. Aroonruengsawat)

POPULAR WRITING

China's Chance to lead. (with R.T. Carson). 2007. *Washington Post*. August 2.

Is Dust Busting Crop Yields? 2006. *ARE Update*. 10(1): pp. 1-3.

Forming Coalitions for Cleaner Air? (w. A. Bento and S. Lowe) 2005. *ARE Update*. 5(8): pp. 5-7.

China, Cars and Carbon. 2004. *ARE Update*. 7(3): pp. 9-11.

GRANTS

California Energy Commission. *Impact of Residential Building Codes on Electricity Consumption*. 2008.

California Energy Commission. *Energy. Chapter in the Scenarios Report of the Governor*. 2007.

California Energy Commission. *Quantifying parameter uncertainty in CGE models*. 2007.

Institute on Global Conflict and Cooperation. *Cheating & The Human Development Index* 2006.

Giannini Foundation. *Aerosol Pollution and Yields*. 2005.

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UC Berkeley Committee on Research. *Aerosol Pollution and Impacts on Rice Yields*. 2005.
UC Berkeley Committee on Research. *China's Provincial Car Legislation: An Impact Study*. 2004.
Agricultural Experiment Station. *Forecasting: Irreversibility and Spatial Dependence*. 2004 & 05.
UC Berkeley Committee on Research. *Estimating Loss Function Parameters*. 2003.
UC Berkeley Committee on Research. *Car Choice and Income*. 2003.
UCSD Dean of Social Sciences Research Travel Grant, June 2001

AWARDS:

UC Berkeley. *Campus Distinguished Teaching Award*. 2009.
UC Berkeley. *Sarlo Distinguished Graduate Student Mentoring Award* 2007.
UC Berkeley. *Coll. Natural Resources Outstanding Assistant Professor Award*. 2007.
National Academies of Sciences. PNAS Cozzarelli Prize for outstanding paper 2007.
University of California Berkeley. *ARE Dissertation Mentor of the Year Award*. 2007.
UC San Diego. Economics Teaching Assistant Of The Year Award, October 2002
UC San Diego. Chancellor's Teaching Fellow Award, June 2002
UMASS Amherst. Vijay Bhagavan Memorial Award for Teaching Excellence, September 1997

PROFESSIONAL EXPERIENCE

Association of Environmental and Resource Economists. Program Coordinator for Second Worldcongress of Environmental and Resource Economists (Dec. '01 - June '02)
McKinsey & Company. Summer Associate - Financial Institutions Group. June - Sept. 2001 and 2002.
Militzer & Münch International Forwarders . Logistics Management Associate (June '92 - August '93)

INVITED PAPERS

NBER/NSF, Davis, CA, Time Series Conference. (September 2009)
NBER, Cambridge, EEE Summer Institute. (July 2009)
NBER, Cambridge, Climate Change Conference. (May 2009)
Mathematical Science Research Institute. (May 2009)
University of California, Berkeley, CSEM Seminar. (April 2009)
University of Washington, Department of Economics. (March 2009)
University of California, San Diego, Department of Economics. (January 2009)
New York University, Wagner School of Public Policy. (January 2009)
University of California Berkeley, Energy and Resources Group. (December 2008)
University of California Los Angeles. Public Policy. (November 2008)
University of California Berkeley, ARE Department Seminar. (September 2008)
EAERE Annual Conference. Stockholm, Sweden. (June 2008).
AERE Annual Workshop, Berkeley (June 2008)
University of British Columbia. Department of Economics and Liu Center of Global Affairs. (April 2008)
Cornell University. Applied Economics and Management. (April 2008)
Oregon State University. Department of Agricultural and Resource Economics. (February 2008)
Scripps Institute of Oceanography. Climate Change Speaker Series (January 2008)
Joint Mathematics Meetings. San Diego, CA (January 2008)
AEA Meetings. AERE Session [Discussant]. Boston, MA (January 2008).
China Environment Initiative. China's Environment Conference. Berkeley, CA. (December 2007).
Monterey Institute of International Studies. Colloquium. Monterey, CA. (May 2007)
Resources For The Future, Washington DC. Weekly Seminar. (April 2007)
UCDC, Washington DC. Aerosols, Climate Change and Agriculture (April 2007)
University of California Energy Institute. CSEM Seminar. Berkeley, CA (April 2007)
Mathematical Research Institute, Berkeley. Climate Change: From Global Models to Local Action (April 2007)
University of California, Berkeley. Environmental And Resource Economics Seminar (February 2007)
Columbia University, Earth Institute Seminar (February 2007)
University of California, Berkeley. ERG Colloquium (January 2007)

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University of California, Davis. AgEcon Seminar (January 2007)
Third World Congress of Environmental and Resource Economists, Kyoto (July 2006)
AEA Meetings. AERE Session. Boston, MA (January 2006).
UNEP ABC Impacts Workshop. Bangkok, Thailand. (December 2005).
Eighth Occasional California Workshop on Env. and Resource Economics, Santa Barbara.(October 2005).
University of Massachusetts. ARE Department Seminar. Amherst (October 2005).
Second Climate Change Research Conference. Sacramento, CA (September 2005)
Camp Resources XIII. Wilmington, North Carolina. (August 2005).
EAERE Annual Conference. Bremen, Germany. (June 2005).
California Energy Workshop. (May 2005)
University of California Davis, Giannini Foundation Annual Meetings. (May 2005)
University of California Berkeley, ARE Resources Seminar. (November 2004)
University of California Berkeley, Energy and Resources Group. (October 2004)
University of Virginia, School of Law, Charlottesville (April 2004)
Seventh Occasional California Workshop on Env. and Resource Economics, Santa Barbara.(October 2003).
Scripps Institute of Oceanography. Climate Change Speaker Series (June 2003)
UCSD Applied Econometrics Luncheon, La Jolla. (May 2003)
University of Alberta, School of Business Seminar (February 2003)
Cal State Sacramento, Department of Economics Seminar (February 2003).
UC Berkeley, ARE Seminar. Berkeley (February 2003).
Federal Reserve Board of Governors, Washington DC (January 2003)
University of Oregon, Department of Economics Seminar, Eugene (January 2003)
UCSD Applied Microeconomics Seminar, La Jolla (October 2002)
NBER Summer Institute, Economics of the Environment, Cambridge (July 2002)
Second World Congress of Environmental and Resource Economists, Monterey (June 2002)
Sixth Occasional California Workshop on Env. and Resource Economics, Santa Barbara.(October 2001).
EAERE Annual Conference. Southampton, UK. (June, 2001).
UCSD Applied Econometrics Luncheon, La Jolla. (May 2001)
AERE Annual Workshop, La Jolla (May 2000)

REFEREE SERVICE

American Economic Review, American Journal of Agricultural Economics (5), Berkeley Papers on Economic Activity, Ecological Economics (2), Economists' Voice (3), Energy and Development Journal, Energy Economics, Energy Journal (5), Environmental and Development Economics, Environmental and Resource Economics, International Review of Economics and Finance, Journal of Applied Climatology and Meteorology, Journal of Econometrics, Journal of Environment and Development (5), Journal of Environmental Economics and Management (8), Journal of International Economics, Journal of Regional Science, National Science Foundation (2), Oxford Economic Papers, Regional Environmental Change, Resource and Energy Economics.

MEMBERSHIPS

American Economic Association, Association of Environmental and Resource Economists, European Association of Environmental and Resource Economists.

TEACHING EXPERIENCE

IAS 106: Intermediate Microeconomic Theory.

Semesters of Instruction: F03, S04, F05, F06, F07, F08.

Teaching Effectiveness Last Time Taught: 6.9/7 (n=132).

IAS 107: Intermediate Macroeconomic Theory.

Semesters of Instruction: SP09

Teaching Effectiveness Last Time Taught: 6.5/7 (n=130).

IAS/ARE 175: Economics of Climate Change.

Semesters of Instruction: SP06.

Teaching Effectiveness Last Time Taught: 6.4/7 (n=5).

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ARE 212: Econometrics - Multiple Equation Estimation.

Semesters of Instruction: SP04, SP05, SP06, SP08.

Teaching Effectiveness Last Time Taught: 6.45/7 (n=20).

ARE 234/5: Econometrics - Second Year Empirical Project.

Semesters of Instruction: Every Semester Since F03.

Teaching Effectiveness Last Time Taught: N/A

STUDENTS

Jenny Aker (Chair, 2008), Fletcher School - Tufts University

Anin Aroonruengsawat (Chair, 2009), Thailand

Ralf Steinhauser (Co-Chair, 2007), Economics Department - ANU Canberra

Hendrik Wolff (Co-Chair, 2007), Department of Economics - University of Washington Seattle

Chris Cherry (Member, 2007), University of Tennessee at Knoxville

Celine Ferre (Member, 2008), World Bank, Young Professionals Program.

Ryan Kellogg (Member, 2008), Department of Economics, University of Michigan

Jennie Day (Member, 2008), University of Melbourne