

**JOHN KEVIN STRANLUND**

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**EDUCATION**

	<i>Degree</i>	<i>Field</i>	<i>Date</i>
University of California, Santa Barbara	Ph.D.	Economics	June, 1992
University of California, Santa Barbara	M.A.	Economics	July, 1988
Westmont College	B.A.	Fine Arts	June, 1983

**RESEARCH AND TEACHING INTERESTS**

*Primary*

Environmental and Natural Resource Economics

*Secondary*

Microeconomic Theory  
Public Economics/Public Finance

**ACADEMIC POSITIONS**

*Associate Professor and Graduate Program Director*

Department of Resource Economics, University of Massachusetts-Amherst. 2000 to present.

*Faculty*

Center for Public Policy and Administration, University of Massachusetts-Amherst. 2000 to present.

*Affiliated Faculty*

Environmental Sciences Program. University of Massachusetts-Amherst. 1993-present.

*Assistant Professor*

Department of Resource Economics, University of Massachusetts-Amherst. 1993 to 2000.

*Visiting Assistant Professor*

Department of Economics, University of Nevada-Las Vegas. 1992-1993.

*Lecturer*

Department of Economics, University of California-Santa Barbara. 1988-1992.

Department of Environmental Studies, University of California-Santa Barbara. 1991-1992.

**RESEARCH**

*Refereed Publications*

Auffhammer, Maximilian; Bernard Morzuch and John K. Stranlund. "Production of Chlorofluorocarbons in Anticipation of the Montreal Protocol." Accepted for publication in *Environmental and Resource Economics*, August 2003.

- Chavez, Carlos A. and John K. Stranlund. 2003 "Enforcing Transferable Permit Systems in the Presence of Market Power." *Environmental and Resource Economics* 25 (1), 65-78, May.
- Stranlund, John K.; Carlos A. Chavez and Barry Field. 2002. "Enforcing Emissions Trading Programs: Theory, Practice and Performance." *Policy Studies Journal* 30(3), 343-361.
- Cardenas, Juan-Camilo; John K. Stranlund and Cleve Willis. 2002. Economic Inequality and Burden-Sharing in the Provision of Local Environmental Quality. *Ecological Economics* 40(3), 379-395.
- Cardenas, Juan-Camilo; John K. Stranlund and Cleve Willis. 2000. "Local Environmental Control and Institutional Crowding-Out." *World Development* 28(10), 1719-1733.
- Stranlund, John K. and Carlos Chavez. 2000. "Effective Enforcement of a Transferable Emissions Permit System with a Self-Reporting Requirement." *Journal of Regulatory Economics* 18(2), 113-131.
- Stranlund, John K. and Kathy Dhanda. 1999. "Endogenous Monitoring and Enforcement of a Transferable Emissions Permit System." *Journal of Environmental Economics and Management* 38(3), 267-282.
- Stranlund, John K. 1999. "Bargaining to Preserve a Unique Eco-System: The Role of Anticipatory Investments to Establish Stronger Bargaining Positions." *Ecological Economics* 31 (3), 425 – 437.
- Stranlund, John K. 1999. "Sunk Capital and Negotiated Resolutions of Environmental Conflicts." *Land Economics* 75(1), 142-155.
- Stranlund, John K. 1997. "Public Technological Aid to Support Compliance to Environmental Standards." *Journal of Environmental Economics and Management* 34(3), pp. 228-239. November
- Richer, Jerrell and John K. Stranlund. February 1997. "Threat Positions and the Resolution of Environmental Conflicts." *Land Economics* 73(1), pp. 58-71.
- Nagurney, Anna; Kathy Dhanda and John Stranlund. 1997. "A General Multiproduct, Multipollutant Market Pollution Permit Model: A Variational Inequality Approach." *Energy Economics* 19, pp. 57-76.
- Stranlund, John. 1996. "On the Strategic Potential of Technological Aid in International Environmental Relations." *Journal of Economics-Zeitschrift fur Nationalokonomie*, 64(1), pp. 1-22.
- Stranlund, John. 1995. "Public Mechanisms to Support Compliance to an Environmental Norm." *Journal of Environmental Economics and Management* 28, pp. 205-222. Reprinted in *The Economics of Environmental Monitoring and Enforcement*. 2003. Clifford Russell (ed.), Ashgate Publishing.

### ***Under Review, Working Papers, and In Progress***

- Murphy, James and John K. Stranlund. "An Experimental Analysis of Compliance Behavior in Emissions Trading Programs: Some Preliminary Results." Working Paper, June 2003.
- Stranlund, John K.; Carlos Chavez and Christopher Costello. "Deterring Non-compliance in Dynamic Emissions Trading Programs: Does Allowing Permit Banking Call for a Different Enforcement Strategy?" Working paper, August 2002.

### ***Other Writings***

- Murphy, James and John K. Stranlund. "An Experimental Analysis of Compliance Behavior in Emissions Trading Programs: Preliminary Results." *Market Mechanisms and Incentives: Applications to Environmental Policy*. US EPA Workshop Proceedings, May 2003.  
<http://yosemite.epa.gov/EE/epa/erm.nsf/New+Records>, May 2003.

- Cardenas, Juan-Camilo; John K. Stranlund and Cleve E. Willis. 2001. "Should the State Regulate the Local Commons? Lessons from Economic Experiments in the Field." In *Integrated Conservation and Development in Tropical America: Experiences and Lessons in Linking Communities, Projects, and Policies*, Robert E. Rhoades and Jody Stallings (Eds.). SANREM CRSP, Athens, Georgia and CARE SUBIR, Ecuador.
- Dombrowski, Janine; Nicholas Bouwes, John K. Stranlund and Cleve Willis. "Cross-Media Transfers of Emissions and Risk." Grant report submitted to the U.S. Environmental Protection Agency. October 2000.
- Stranlund, John K.; Carlos A. Chavez and Barry Field. "Enforcing Market-Based Pollution Control Programs: Practice and Theory." Grant report submitted to the Smith-Richardson Foundation. April 2000.
- Stranlund, John K. "Review of Global Environmental Economics by Hans Gottinger." *Journal of Economics-Zeitschrift fur Nationalokonomie* 69(3), 303-305, 1999.
- Stranlund, John. "Topics in Microeconomic Theory: Lecture Notes." Department of Resource Economics, University of Massachusetts-Amherst. Revised January 1997.
- Stranlund, John. "The Problem of Enforcing International Environmental Law," *Resources and Environment: Management Choices*, June 1994.
- Stranlund, John K. "Essays on the Private Provision of Public Goods." Ph.D. Dissertation, Department of Economics, University of California-Santa Barbara. Professor Robert T. Deacon, Chair. June 1992.

### **Conference Presentations and Seminars**

More than twenty conference presentations and seminars including:

- Murphy, James and John K. Stranlund. "An Experimental Analysis of Compliance Behavior in Emissions Trading Programs: Preliminary Results." US EPA Workshop on Market Mechanisms and Incentives: Applications to Environmental Policy, Washington DC, May 1-2, 2003.
- Stranlund, John K. "Deterring Non-compliance in Dynamic Emissions Trading Programs: Does Allowing Permit Banking Call for a Different Enforcement Strategy?" 2002 World Congress of Environmental and Resource Economists, Monterey, California June 24 – 27, 2002.
- Stranlund, John K. "Enforcing Transferable Permit Systems in the Presence of Market Power." 6<sup>th</sup> Occasional California Workshop on Environmental and Resource Economics, University of California, Santa Barbara, October 26&27, 2001.
- Stranlund, John K. "Local Environmental Control and Institutional Crowding-Out." Facultad de Ciencias Economicas y Administrativas, Universidad de Concepcion, Chile, June 25, 2001.
- Stranlund, John K. "Enforcing Transferable Emissions Permit Systems." University of Rhode Island, Department of Environmental and Natural Resource Economics, September 22, 2000.
- Stranlund, John K. "Cross-Media Transfers of Pollution and Risk." 1999 National Environmental Health Association Right-to-Know Conference, Denver CO, October 1999.
- Stranlund, John K. "Enforcing Market-Based Pollution Control Programs: Practice and Theory." Association for Public Policy and Management's Twenty-First Annual Research Conference, Washington DC, October 1999.
- Stranlund, John K. "Endogenous Monitoring and Enforcement of a Transferable Emissions Permit System." American Economic Association Meetings, New York, January 1999.
- Stranlund, John. "Endogenous Monitoring and Enforcement of Transferable Emissions Permit Systems." Public Choice Society Meetings, March 1998, New Orleans, Louisiana.

Stranlund, John. "Bargaining and Transfers in International Environmental Relations." *American Economic Association Meetings*, January 1995, Washington DC.

## GRANTS AND CONTRACTS

Stranlund, John and James Murphy." "Economic and Policy Analysis of Local Governance in Latin America." U.S. Department of State, Bureau of Educational and Cultural Affairs. 2003-2006. \$120,000.

Murphy, James and John Stranlund. "An Investigation of Compliance Behavior and Enforcement of Emissions Trading Programs Using Laboratory Experiments." U.S. Environmental Protection Agency. 2002-2004. \$228,000.

Stranlund, John and Barry Field. "Economic Issues in the Enforcement of Market-Based Approaches to Environmental Policies." Smith Richardson Foundation. 1998-2000. \$43,849.

Stranlund, John. and Cleve Willis. "Economic Research on Cross-Media Transfers of Pollution and Risk." US Environmental Protection Agency. 1997-2000. \$61,445.

Stranlund, John. "Environmental Policy and Cross-Media Transfers of Pollution." Healey Public Service Endowment Grant, University of Massachusetts-Amherst. 1997-1998. \$5,000.

Field, Barry and John Stranlund. "Impact Analysis: Proposed Changes in Subsurface Sewage Disposal System Regulations Under Title 5 of the Environment Code." Massachusetts Department of Environmental Protection. 1994. \$12,000.

## TEACHING

### *Department of Resource Economics, University of Massachusetts-Amherst*

*Graduate courses:* Advanced Environmental and Resource Economics, Microeconomic Theory

*Occasional graduate courses:* Environmental Policy in Developing Countries, Environmental Policy Design with Limited Information, Seminar in Environmental and Natural Resource Economics

*Undergraduate:* Advanced Topics in Environmental and Natural Resource Economics, Environmental Economics, Community Development Economics

### *Off-Campus Courses*

*The Design of Environmental Policies Using Economic Incentives*, Magister en Economía de Recursos Naturales y del Medio Ambiente, Universidad de Concepcion, Chile, June 2001.

*Benefit-Cost Analysis*. U.S. Environmental Protection Agency, Boston. With Julie Caswell, Barry Field, John Hird, Tom Stevens and Cleve Willis. Summer 1998.

*Workshop on the Economics of Preserving Biodiversity*. VonHumbolt Institute for Biodiversity, Villa de Leyva, Colombia. With Juan Camilo Cardenas and Cleve Willis. June 1998.

*Economics of Environmental Policy Design*. Pskov Polytechnical Institute and Academy of Agriculture-Velikie Luki, Russia. June 1996.

*Environmental Economics*. U.S. Environmental Protection Agency, Boston. With Barry Field, Tom Stevens, and Cleve Willis. Fall 1994.

**PROFESSIONAL SERVICE**

Editorial Board Member, *Journal of Regulatory Economics*

Ad hoc referee for: *Agriculture and Resource Economics Review*, *Contemporary Economic Policy*, *Environment and Development Economics*, *Environmental and Resource Economics*, *Evaluation Review*, *Journal of Economics-Zeitschrift für Nationalökonomie*, *Journal of Environmental Economics and Management*, *Journal of Environmental Management*, *Journal of Policy Analysis and Management*, *Journal of Public Economics*, *Journal of Regulatory Economics*, *Policy Studies Journal*, *Resource and Energy Economics*, Harper-Collins Publishing, McGraw-Hill Publishing.

**PROFESSIONAL AFFILIATIONS**

American Economic Association

Association of Environmental and Resource Economists

Association for Public Policy Analysis and Management