

## ALLEN BLACKMAN

Resources for the Future  
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Washington, DC 20036  
(202) 328-5073  
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### POSITIONS

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Resources for the Future. Washington, DC

Senior Fellow. 2006-present.

Fellow with Indefinite Appointment (tenure). 2000-2006.

Fellow. 1993-2000.

Environment for Development Center for Central America, Centro Agronómico Tropical de Investigación y Enseñanza (CATIE). Turrialba, Costa Rica

Research Fellow. 2009-present.

Resident Advisor. 2008-2009.

Georgetown University Public Policy Institute. Washington, DC

Adjunct Associate Professor. Fall 2010.

Adjunct Assistant Professor. Fall 2003.

University of California San Diego, Center for U.S.-Mexican Studies

Visiting Research Fellow. Fall and winter quarters 2001.

University of Texas at Austin, Department of Economics

Assistant Instructor. 1990-1993.

Teaching Assistant. 1988-1990.

Partnership for Productivity International, Fada N'Gourma, Burkina Faso and Washington, DC

Program Assistant. 1986-1987.

Hogan and Hartson, Washington, DC

Litigation Paralegal. 1983-1985.

### EDUCATION

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University of Texas at Austin, Ph.D. Economics, September 1993

University of Pennsylvania, B.A. Cum Laude Political Science and International Relations, May 1983

## BOOKS

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A. Blackman. (ed.). 2006. *Small Firms and the Environment in Developing Countries: Collective Impacts, Collective Action*. Resources for the Future Press.

## JOURNAL ARTICLES

---

A. Blackman, S. Chandru, A. Mendoza-Domínguez, and A. G. Russell. In Press. "Health Impacts of Power-Exporting Plants in Northern Mexico." *Energy Policy*.

A. Blackman and S. Guerrero. In Press. "What Drives Voluntary Eco-Certification in Mexico?" *Journal of Comparative Economics*.

A. Blackman, B. Ávalos-Sartorio, and J. Chow. In Press. "Land Cover Change in Agroforestry: Shade Coffee in El Salvador." *Land Economics*.

H. Albers, B. Ávalos-Sartorio, M. Batz, and A. Blackman. 2011. "Costos de Conservación, Incertidumbre en Precios y Abandono en la Producción de Café de Sombra: el Caso de la Costa de Oaxaca en México." [Conservation Costs, Price Uncertainty, and Abandonment in Shade Coffee Production: The Case of Coastal Oaxaca, Mexico] *Gaceta de Economía del Instituto Tecnológico Autónomo de México* 2: 157-192 (special issue on the Economics of the Environment and Natural Resources).

A. Blackman and J. Rivera. 2011. "Producer-level Benefits of Sustainability Certification." *Conservation Biology* 25(6): 1176-1185.

N. Powers, A. Blackman, U. Narain, and T. Lyon. 2011. "Does Public Disclosure Reduce Pollution? Evidence from India's Pulp and Paper Industry." *Environmental and Resource Economics* 50(1): 131-155.

A. Blackman, B. Lahiri, B. Pizer, M. Rivera Planter, and C. Muñoz Piña. 2010. "Voluntary Regulation in Developing Countries: Mexico's Clean Industry Program." *Journal of Environmental Economics and Management* 60(3): 182-192.

A. Blackman, S. Darley, T. Lyon, and K. Wernstedt. 2010. "What Drives Participation in State Voluntary Cleanup Programs? Evidence from Oregon." *Land Economics* 86(4): 785-799.

A. Blackman and A. Kildegaard. 2010. "Clean Technological Change in Developing Country Industrial Clusters: Mexican Leather Tanneries." *Environmental Economics and Policy Studies* 12(3): 115-132.

A. Blackman. 2010. "Alternative Pollution Control Policies in Developing Countries." *Review of Environmental Economics and Policy* 4(2): 234-253.

A. Blackman and R. Woodward. 2010. "User-Financing in a National Payments for Environmental Services Program: Costa Rican Hydropower." *Ecological Economics* 69(8): 1626-1638.

A. Blackman, R. Osakwe, and F. Alpízar. 2010. "Fuel Tax Incidence in Developing Countries: The Case of Costa Rica." *Energy Policy* 38(5): 2208-2015.

B. Ávalos-Sartorio and A. Blackman. 2010. "Agricultural Price Supports as a Conservation Tool: Mexican Shade Coffee." *Agroforestry Systems* 78(2): 169-183.

A. Blackman. 2009. "Colombia's Discharge Fee Program: Economic Incentives for Polluters or Regulators?" *Journal of Environmental Management* 90(1): 101-119.

A. Blackman. 2008. "Can Voluntary Environmental Regulation Work in Developing Countries? Lessons from Case Studies." *Policy Studies Journal* 36(1): 119-141.

Reprinted in: J. Rivera and P. de Leon. (eds.) 2010. *Voluntary Environmental Programs: Potentials and Assessments*. Lexington Books: Lanham, MD.

A. Blackman, H. J. Albers, B. Ávalos-Sartorio, and L. Murphy. 2008. "Land Cover in a Managed Forest Ecosystem: Mexican Shade Coffee." *American Journal of Agricultural Economics* 90(1): 216-231.

A. Blackman, B. Ávalos-Sartorio, and J. Chow. 2007. "Shade Coffee and Tree Cover Loss: Lessons from El Salvador." *Environment* 49(7): 22-32.

Reprinted in: P. Goodwin (ed.) 2008. *Global Studies: Latin America*. 13<sup>th</sup> edition. McGraw-Hill: New York, NY.

A. Blackman and N. Sisto. 2006. "Voluntary Environmental Regulation in Developing Countries: A Mexican Case Study." *Natural Resources Journal* 46(4): 1005-1042.

A. Blackman, T. Lyon and N. Sisto. 2006. "Voluntary Environmental Agreements when Regulatory Capacity is Weak." *Comparative Economic Studies* 48(4): 682-702.

A. Blackman, S. Newbold, J.-S. Shih, D. Evans, J. Cook and M. Batz. 2006. "The Benefits and Costs of Informal Sector Pollution Control: Traditional Mexican Brick Kilns." *Environment and Development Economics* 11(5): 603-627.

A. Blackman, S. Afsah and D. Ratunanda. 2004. "How Does Public Disclosure Work? Evidence from Indonesia's PROPER Program." *Human Ecology Review* 11(3): 235-246.

A. Blackman. 2002. "Testing the Rhetoric: Location Efficient Mortgages May Have More Costs and Risks than Proponents Claim" *Regulation* 25(1): 34-38.

A. Blackman and A. Palma. 2002. "Scrap Tires in Ciudad Juárez and El Paso: Ranking the Risks." *Journal of Environment and Development* 11(3): 247-266.

A. Blackman and J. Boyd. 2002. "Tailored Regulation: Will Site-Specific Environmental Regulation Improve Welfare?" *Southern Economic Journal* 69(2): 309-326.

A. Blackman. 2001. "Obstacles to a Doubly Green Revolution." *Environment and Development Economics* 6(4): 510-513.

A. Blackman. 2001. "Why Don't Lenders Finance High-Return Technological Change in Developing-Country Agriculture?" *American Journal of Agricultural Economics* 83(4): 1024-1035.

A. Blackman and A. Krupnick. 2001. "Location Efficient Mortgages: Is the Rationale Sound?" *Journal of Policy Analysis and Management* 20(4): 633-649.

A. Blackman and J. Mazurek. 2001. "The Cost of Developing Site-Specific Environmental Regulations: Evidence from EPA's Project XL." *Environmental Management* 27(1): 109-121.

A. Blackman. 2000. "Informal Sector Pollution Control: What Policy Options Do We Have?" *World Development* 28(12): 2067-2082.

A. Blackman and W. Harrington. 2000. "The Use of Economic Incentives in Developing Countries: International Experience with Industrial Air Pollution." *Journal of Environment and Development*. 9(1): 5-44 (lead article).

Reprinted in: G. E. Helfand and P. Berck (eds.) 2003. *The Theory and Practice of Command and Control in Environmental Policy*. Ashgate Publishing International Library of Environmental Economics and Policy: Hampshire, U.K.

Reprinted in: J. Sainz (ed.) 2003. *Instrumentos de Mercado para la Protección Ambiental. Conceptos y Aplicaciones*. Instituto Nacional de Ecología: Mexico, D.F.

A. Blackman. 2000. "Making Small Beautiful: Lessons from Mexican Leather Tanneries and Brick Kilns." *Small Enterprise Development* 11(2): 4-14 (lead article).

A. Blackman and X. Wu. 1999. "Foreign Direct Investment in the Chinese Power Sector: Trends, Benefits, and Barriers." *Energy Policy* 27(12): 695-711.

A. Blackman and G. J. Bannister. 1998. "Community Pressure and Clean Technology in the Informal Sector: An Econometric Analysis of the Adoption of Propane by Traditional Mexican Brickmakers." *Journal of Environmental Economics and Management* 35(1): 1-21 (lead article).

A. Blackman and G. J. Bannister. 1997. "Pollution Control in the Informal Sector: The Ciudad Juárez Brickmakers' Project." *Natural Resources Journal* 37(4): 829-856.

WORKING MANUSCRIPTS

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*Under review*

H. Albers, B. Ávalos-Sartorio, M. Batz, and A. Blackman. “Maintenance Costs, Price Uncertainty, and Abandonment in Shade-Grown Coffee Production: Coastal Oaxaca, Mexico.” *Agricultural Economics* (revision requested)

A. Blackman and M. Naranjo. “Does Ecocertification Have Environmental Benefits? Organic Coffee in Costa Rica.”

A. Blackman. “Does Ecocertification in Developing Countries Boost Compliance? ISO 14001 Certification in Mexico.”

K. Wernstedt, A. Blackman, T. Lyon and K. Novak. “Voluntary Environmental Programs at Contaminated Properties: An Incentive for Economic Revitalization?”

*Drafts*

S. Afsah, A. Blackman, J. Garcia, and T. Sterner. “Public Disclosure: The PROPER Environmental Policy for Indonesia?” [book manuscript]

A. Blackman and G. Asner. “Does Land Titling Stem Forest Damage? Native Communities in the Peruvian Amazon.”

A. Blackman. “Strict versus Mixed Use Protected Areas: Guatemala’s Maya Biosphere Reserve.”

A. Blackman. “Ex-post Evaluation of Forest Conservation Policies Using Remote Sensing Data: An Introduction and Practical Guide.”

M. Ibañez and A. Blackman. “Does Ecocertification Have Environmental Benefits? Organic Coffee in Colombia.”

A. Blackman, J. Robalino, and A. Pfaff. “Paper Park Performance: Natural Protected Areas in Mexico.”

A. Blackman and J. Robalino. “Spatial Interactions in the Adoption of Soil Conservation Practices by Costa Rican Coffee Growers.”

A. Blackman, E. Uribe, and B. van Hoof and T. Lyon. “Voluntary Environmental Agreements in Developing Countries: The Colombian Experience.”

A. Blackman. “The Economics Managed Landscape Conservation.”

J. Robalino, L. Villalobos, A. Blackman and A. Pfaff. “Impacts of Protected Areas on Population Growth, Inequality, and Marginalization in Mexico.”

T. Lyon, H. Yin, A. Blackman, and K. Wernstedt. "Voluntary Cleanup Programs for Brownfield Sites: A Theoretical Analysis."

J. Rivera, M.A. Naranjo, J. Robalino, F. Alpízar, and A. Blackman. 2010. "Green Certified Communities and Business Location: The Case of the Blue Flag Program in Costa Rica."

J. Rivera, M.A. Naranjo, J. Robalino, F. Alpízar, and A. Blackman. "Participation in Collective Voluntary Environmental Certification Initiatives: The Case of the Blue Flag Program in Costa Rica."

B. Ávalos-Sartorio, A. Blackman, and H.J. Albers. "Sustainable Coffee Certification as a Forest Conservation Policy in Mexico: Prospects, Constraints and Policy."

S. Laskowski, R. Morgenstern, and A. Blackman. "Environmental Decentralization in the United States: Seeking the Proper Balance Between National and State Authority."

#### BOOK CHAPTERS

A. Blackman, R. Osawkwe, and F. Alpízar. 2011. "Fuel Tax Incidence in Costa Rica: Gasoline versus Diesel." In T. Sterner (ed.). *Do Gas Taxes Hurt the Poor? The Distributional Effects of Fuel Taxation and their Implications for Climate Policy*. RFF Press: Washington, DC.

A. Blackman. 2010. "Environmental Policy Innovations in Developing Countries." in I. Parry and F. Day (eds.). *Issues of the Day: 100 Policy Commentaries on Climate, Energy, the Environment, Transportation, and Public Health Policy*. RFF Press: Washington, DC: 204-205.

Contributed chapters in E. Sanchez-Triana, K. Ahmed, and Y. Awe (eds.) 2007. *Environmental Priorities and Poverty Reduction: A Country Environmental Analysis for Colombia*. World Bank. Washington, DC.

A. Blackman, R. Morgenstern, E. Topping, S. Hoffman, and E. Sánchez-Triana. "Actors and Institutions." Chapter 3: 33-65.

A. Blackman, R. Morgenstern, E. Topping, S. Hoffman, and E. Sánchez-Triana. "Decentralization: A Balancing Act." Chapter 4: 67-107.

A. Blackman, Y. Awe, P. Brandriss, and C. Urrutia. "Living with Natural Disasters." Chapter 10: 321-356.

A. Blackman and E. Sánchez-Triana. "Land Degradation and Deforestation." Chapter 12: 393-431.

Contributed chapters in A. Blackman (ed.). 2006. *Small Firms and the Environment in*

*Developing Countries: Collective Impacts, Collective Action.* Resources for the Future Press.

A. Blackman. "Introduction." Chapter 1: 1-19.

A. Blackman, S. Newbold, J.-S. Shih, D. Evans, J. Cook and M. Batz. "Benefits and Costs of Controlling Small Firm Pollution: Informal Brickmaking in Ciudad Juárez, Mexico." Chapter 2: 20-46 (extracted from 2006 *Environment and Development Economics* article).

A. Blackman. "Policy Options for Controlling Small Firm Pollution: Informal Brickmaking in Four Cities in Northern Mexico." Chapter 4: 72-87 (extracted from 2000 *World Development* article).

A. Blackman and G. Bannister. "Small Firms and Clean Technologies Part I: Informal Brickmaking in Ciudad Juárez, Mexico." Chapter 9: 171-190 (extracted from 1998 *Journal of Environmental Economics and Management* article).

A. Blackman. "Small Firms and Clean Technologies Part II: Leather Tanning in León, Mexico." Chapter 10: 191-201.

A. Blackman. "Conclusion." Chapter 13: 237-240.

A. Blackman. 2004. "Maquiladoras, Air Pollution and Human Health in Ciudad Juárez and El Paso." pp. 179-203 in K. Kopinak (ed.) *Social Costs of Industrial Growth in Northern Mexico*. University of California San Diego Center for U.S.-Mexican Studies: San Diego.

A. Blackman. 2002. "The Economics of Technology Diffusion: Implications for Greenhouse Gas Mitigation in Developing Countries." pp. 288-307 in S. Nagel (ed.) *Environmental Policy and Developing Nations*. McFarland & Co: Jefferson, NC.

A. Blackman. 2002. "Indonesia: Going Public on Polluters" Case study No. 45. pp. 146-147 in P. Wakely and N. You (eds.) *Sustainable Urbanisation: Building the Green and Brown Agendas*. Development Planning Unit, University College: London.

A. Blackman. 2001. "The Economics of Climate-Friendly Technology Diffusion in Developing Countries." pp. 248-252 in M. Toman (ed.) *Climate Change Economics and Policy: An RFF Anthology*. Johns Hopkins University Press: Baltimore.

J. Boyd, J. Mazurek, A. Krupnick, and A. Blackman. 1999. "The Competitive Implications of Facility-Specific Environmental Agreements: The Intel Corporation and Project XL," pp. 96-115 in E. Petrakis, E. Sartzetakis and A. Xepapadeas (eds.), *Environmental Regulation and Market Power: Competition, Time Consistency and International Trade*. Northampton, MA: Edward Elgar.

A. Blackman and G. J. Bannister. 1998. "Crossborder Environmental Management and

the Informal Sector: the Ciudad Juárez Brickmakers Project.” pp. 164-188 in R. Kiy and J. Wirth (eds.) *Cooperation and Conflict: Case Studies of Environmental Management on the Borders*. College Station: Texas A&M Press.

#### OTHER PUBLICATIONS

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A. Blackman. 2010. “Will REDD Really be Cheap?” *Resources* 174, Winter/Spring: 4.

Reprinted in *RFF Weekly Commentary*. February 5.

A. Blackman and G. Köhlin. 2008. “Environment for Development: RFF Joins Initiative to Strengthen Green Policies in Developing Countries.” *Resources* 170, Fall: 4-5.

A. Blackman. 2008. “Environmental Policy Innovation in Developing Countries.” *RFF Weekly Commentary*. May 30.

F. Alpizar, A. Blackman, and A. Pfaff. 2007. “Payments for Ecological Services: The Importance of Precision and Targeting.” *Resources* 165, Spring: 20-22.

A. Blackman. 2006. “Economic Incentives to Control Water Pollution in Developing Countries: How Well has Colombia’s Wastewater Discharge Fee Program Worked and Why?” *Resources* 161, Spring: 20-23.

A. Blackman, H. Albers, B. Ávalos, and L. Crooks. 2005. “Made in the Shade: Can Shade Coffee Help Stem Deforestation in Latin America?” *Resources* 157, Spring: 23-26.

A. Blackman. 2003. “Sistemas de Mercados de Emisiones: Oportunidades y Retos para los Países en Desarrollo.” [Marketable Permit Systems: Opportunities and Challenges for Developing Countries] in *Seminario Sobre Instrumentos Económicos para Cuencas Ambientales*. Instituto Nacional de Ecología, Dirección General de Investigación de Política y Economía Ambiental. Mexico City: Mexico. pp. 50-57.

A. Blackman. 2003. “The Cutting Edge and the Nitty Gritty: Environmental Protection in Mexico.” *Resources* 149, Fall 2002/Winter 2003: 26-28.

A. Blackman. 2002. “Microenterprise Pollution in Mexico: What Can Be Done?” *Enfoque*, Fall. 4: 14. Center for U.S. Mexican Studies, U.C. San Diego.

A. Blackman. 2000. “Small Is Not Necessarily Beautiful: Coping with Dirty Microenterprises In Developing Countries.” *Resources* 141, Fall: 9-13.

A. Blackman and X. Wu. 1999. “Energy Efficiency and Climate Impacts of Foreign Direct Investment in China’s Power Sector.” *Sinosphere* 2(1): 35.

A. Blackman. 1998. “New Investment Abroad: Can It Reduce Chinese Greenhouse Gas Emissions?” *Resources* 133, Fall: 16.

A. Blackman and G. J. Bannister. 1996. "Los Ladrilleros de Ciudad Juárez: de Cómo Evitar una Mayor Contaminación Atmosférica." *La Jornada Ecología*, Año 4, Numero 48, Julio 18: 6-7.

A. Blackman and G. J. Bannister. 1996. "Crossborder Environmental Management and the Informal Sector: the Ciudad Juárez Brickmakers Project." *Encuentros* 3(1): 8-10.

A. Blackman and G. J. Bannister. 1996. "Crossborder Environmental Management and the Informal Sector: the Ciudad Juárez Brickmakers Project." *North American Institute Newsletter*, October, 2-4.

M. Mohammadioun, J. Olsen and A. Blackman. 1992. "The Impact of Trade Liberalization on Texas Cotton." *Proceedings of the 1992 Beltwide Cotton Conference*, Vol. 1, 460-3.

M. Mohammadioun, J. Olsen and A. Blackman. 1992. "The Impact of the US-Mexico Free Trade Agreement on Texas Cotton." *Texas Business Review*, June.

M. Burfisher, M. Missian and A. Blackman. 1990. "Less Developed Countries' Performance in High Value Agricultural Trade." *USDA ERS Staff Report No. AGES 9118*.

#### SELECTED REPORTS

---

A. Blackman. 2011. "Rigorous Evaluation of Forest Conservation Policies: Method and Applications." Final Report to the InterAmerican Development Bank.

A. Blackman, J. Robalino, and A. Pfaff. 2011. "Mexico's Natural Protected Areas: Enhancing Effectiveness and Equity." Final Report to the Tinker Foundation.

A. Blackman, S. Chandru, A. Mendoza-Domínguez, A. G. Russell and Z. You. 2011. "Health Impacts of Power-Exporting Plants in Northern Mexico." Final Report to LASPAU Border Ozone Reduction and Air Quality Improvement Program.

A. Blackman and J. Rivera. 2010. "Environmental Certification and the Global Environment Facility" Science Technical Advisory Panel Advisory Document. September.

A. Blackman, E. Uribe, B. van Hoof, and T. Lyon. 2009. "Voluntary Environmental Agreements in Developing Countries: The Colombian Experience." *RFF Report*.

A. Blackman, B. Ávalos-Sartorio, J. Chow, and F. Aguilar. 2006. "Tree Cover Loss in El Salvador's Shade Coffee Areas." *RFF Report*.

A. Blackman, B. Ávalos-Sartorio, J. Chow, and F. Aguilar. 2006. "Pérdida de los Bosques en las Áreas de Cultivo del Café de Sombra en El Salvador." *RFF Report*.

A. Blackman, R. Morgenstern and E. Topping. 2006. "Institutional Analysis of Colombia's Autonomous Regional Corporations (CARs)." *RFF Report*.

A. Blackman and R. Morgenstern. 2006. "Review of the Efficiency and Effectiveness of Colombia's Environmental Policies." *RFF Report*.

A. Blackman, S. Hoffman, R. Morgenstern and E. Topping. 2005. "Assessment of Colombia's National Environmental System (SINA)." *RFF Report*.

A. Blackman, P. DeLaquil, M. Mendis and R. Morgenstern. 2003. "Opportunities for the CDM in the Energy Sector in the People's Republic of China." Final report to the Asian Development Bank.

A. Blackman and K. Wernstedt. 1998. "Resources for the Future's Environment and Development Program: A Strategic Plan."

A. Blackman, J. Boyd, D. Simpson, and M. Toman. 1996. "Understanding Differences in the Diffusion of Environmentally Beneficial Technology." Final report to Department of Energy.

A. Blackman. 1995. "Intra-firm Principal-agent Problems and the Cost of Compliance with Environmental Regulations," Chapter 3 in "Barriers to Accurate Estimates of the Compliance Cost of Environmental Regulation," Final report to the National Science Foundation (with D. Simpson and W. Harrington).

SELECTED GRANTS (principal author of proposal)

---

December 2011. Tinker Foundation. "Enhancing the Benefits of Forest Eco-Certification in Mexico." \$131,000.

May 2011. Swedish Environmental Research Institute (IVL). "Measuring Impacts of Voluntary Sustainability Initiatives." \$70,000.

February 2011. InterAmerican Development Bank. "Rigorous Evaluation of Forest Conservation Policies: Method and Application." \$200,000.

June 2009. United Nations Environment Program. "Scientific and Technical Advisory Panel (STAP) to the Global Environment Facility; Review of Literature on Commercial Certification Systems." (with J. Rivera). \$30,000.

May 2009. Swedish International Development Agency/Göteborg University. Support for continuing collaboration with Environment for Development Center for Central America. \$60,000.

June 2008. Tinker Foundation. "Mexico's Natural Protected Areas: Enhancing Effectiveness and Equity" (with A. Pfaff and J. Robalino). \$138,000.

October 2007. Swedish International Development Agency/Göteborg University. Resident Advisor to Environment for Development Center for Central America. \$170,000.

December 2006. Alcoa Foundation. “Voluntary Environmental Programs in Latin America: Lessons Learned” \$50,000.

November 2006. InterAmerican Development Bank. “Voluntary Environmental Programs in Latin America: Lessons Learned” \$60,000.

August 2006. LASPAU. “Benefits and Costs of Cross-Border Electric Power Transmission: Mexicali-Imperial Valley” (with A. Russell and A. Gonzalez). \$80,000.

July 2005. Tinker Foundation. “Policies to Preserve Salvadoran Shade Coffee” (with B. Ávalos-Sartorio). \$70,000.

August 2005. Mexican Ministry of the Environment (SEMARNAT). “Evaluation of the Voluntary Clean Industry Program” (with N. Sisto). \$20,000.

February 2005. Inter-American Development Bank. “Environmental Impacts of the Coffee Crisis in El Salvador” (with B. Ávalos-Sartorio). \$90,000.

August 2004. Colombian Ministry of Environment, Housing, and Territorial Development (MAVDT). “Review of Efficiency and Effectiveness of Colombia’s Environmental Policies” (with R. Morgenstern). \$83,000.

December 2003. World Bank. “Institutional Analysis of Colombia’s Autonomous Regional Corporations” (with R. Morgenstern). \$83,000.

December 2003. World Bank. “Assessment of Colombia’s National Environmental System” (with R. Morgenstern and S. Hoffman). \$95,000.

December 2002. The Tinker Foundation. “Policies for Preserving Mexican Shade-Coffee” (with H. Albers and B. Ávalos-Sartorio). \$50,000.

September 2001. University of California San Diego, Center for U.S.-Mexican Studies (6-month Visiting Research Fellowship; competitive selection process). \$24,000.

November 2000. The North American Commission for Environmental Cooperation. “Incentives for Biodiversity Conservation on Oaxaca’s Shade-Grown Coffee Plantations” (with B. Ávalos-Sartorio and H. Albers). \$15,000.

May 2000. Applied Science Laboratories, Inc. (prime contractor for Department of Energy Carlsbad, N.M. office) “Benefits of Used-Tire Recycling Facilities on the U.S.-Mexico Border: Phase I” (with A. Krupnick). \$20,000.

July 1999. Tinker Foundation. “Controlling Pollution from Small-Scale Sources: Leather Tanneries in León, Mexico” (with A. Kildegaard). \$100,000.

January 1998. National Science Foundation/US Environmental Protection Agency. “The Economics of Tailored Regulation and the Implications for Project XL” (with A. Krupnick and J. Boyd). \$153,368.

December 1996. Tinker Foundation. “Environmentally Friendly Technological Change Among Mexico’s Traditional Brickmakers” (with G. Bannister) \$100,000.

May 1996. US Environmental Protection Agency. “Environmental Benefits from Location-efficient Mortgages: Barriers and Opportunities” (with A. Krupnick and M. Walls) \$120,000.

February 1996. US Environmental Protection Agency “Mechanisms for Lowering Transactions Costs Associated with the Negotiation of Facility-specific Environmental Performance Agreements” (with A. Krupnick) \$30,000.

#### CONSULTING

Asian Development Bank  
Colombian Ministry of Environment, Housing, and Territorial Development  
Inter-American Development Bank  
Mexican Ministry of the Environment and Natural Resources  
World Bank

#### PROFESSIONAL SERVICE

##### *Journal editorial positions*

Conservation Biology. Ad Hoc Handling Editor. 2011 – present.

Business and Society. Editorial Board. 2008 – present.

Open Environmental Sciences. Editorial Board. 2007 – present.

##### *Scientific and steering committees*

Scientific Committee. Latin America and Caribbean Environmental Economics Program (LACEEP). 2005 – present.

Steering Committee. Commission for Environmental Cooperation (CEC). “Evaluation of CEC’s Greening the Supply Chains Project.” 2008.

*Program committees*

Association of Environmental and Resource Economists (AERE)

2012 Annual Meetings, Asheville, NC.

2011 Annual Meetings, Seattle, Washington.

European Association of Environmental and Resource Economists (EAERE)

2012 Annual Meetings, Prague, Czech Republic.

2011 Annual Meetings, Rome, Italy.

2009 Annual Meetings, Amsterdam, Holland.

2008 Annual Meetings, Göteborg, Sweden.

American Agricultural Economics Association (AAEA)

2006 Annual Meetings, Long Beach, California.

2005 Annual Meetings, Providence, Rhode Island.

2004 Annual Meetings, Denver, Colorado.

Asociación Latinoamericana y del Caribe de Economistas Ambientales y Recursos Naturales (ALEARN)

2008 Annual Meetings, San José, Costa Rica.

Conference on Business, Environment, International Competitiveness, and Sustainable Development of the Asia Pacific Economies. December 3 and 4. Bandar Sunway, Selangor, Malaysia. 2007.

*Thesis committees*

Rebecca Osakwe. "Transportation Policy in San José, Costa Rica." M.A. Thesis, Centro Agronómico Tropical de Investigación y Enseñanza (CATIE). 2010.

Jorge García López. "Essays on Asymmetric Information and Environmental Regulation through Disclosure." Ph.D. Thesis, Department of Economics, University of Göteborg. Supervisor: Thomas Sterner. 2007. [external examiner]

Jessica Coria Riquelme. "Essays on the Effect of Environmental Policy on Technological Adoption." Ph.D. Thesis, Department of Economics, Universidad Católica de Chile. Co-supervisors: Juan Pablo Montero and José Miguel Sánchez. 2006.

Guodong Sun. "An Integrated Study of China's Air Pollution Management: Effectiveness, Efficiency, and Governance." Ph.D. Thesis, Engineering and Public Policy Program, Carnegie Mellon University. Supervisor: H. Keith Florig. 2000.

*Tenure reviews*

George Mason University, Department of Environmental Science and Policy.  
Arizona State University, School of Public Policy.

MANUSCRIPT AND PROPOSAL REVIEWS

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American Economic Review  
Business and Society  
Conservation Letters  
Contemporary Economic Policy  
Economic Development and Cultural Change  
Energy Economics  
Energy Journal  
Environment and Development Economics  
Environmental Management  
European Review of Agricultural Economics  
Global Development Network Research Awards  
International Regional Science Review  
Journal of Development Economics  
Journal of Economics and Management Strategy  
Journal of Environment and Development  
Journal of Environmental Economics and Management  
Journal of Public Economics  
Journal of Sustainable Forestry  
Journal of Urban Affairs  
Latin America and Caribbean Environmental Economics Program  
National Science Foundation  
Open Economics Journal  
Policy Studies Journal  
Public Administration Review  
Public Finance and Management  
Resource and Energy Economics  
South Asian Network for Development and Environmental Economics  
Water Resources Research

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