

## Sabina L. Shaikh, Ph.D.

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### Professional Experience

- 1/03 to present      Lecturer, Social Science Collegiate Division, Program on Global Environment and Public Policy Studies  
Founder and Coordinator, Environment, Agriculture and Food Working Group  
University of Chicago, Chicago, IL
- 7/01 to 9/10         Senior Research Economist, RCF Economic and Financial Consulting, Chicago, IL
- 7/99 to 9/02         Assistant Professor, Food and Resource Economics  
University of British Columbia, Vancouver, BC

### Education

- Ph.D., Agricultural and Resource Economics, University of California-Davis, 1999
- M.A., Economics, Colorado State University, 1995
- B.A., Economics, University of Wisconsin-Madison, 1992

### Current Funding and Recent Awards

**Faculty Service Award Recipient**, University Community Service Center, University of Chicago, Award Received June 2013

**Co-Principal Investigator**, *Integrative Modeling of the Interactions, Connectivity and Interdependence of Water Systems and Ecosystem Services in the Lower Mekong Basin*, with University of Florida, Florida State University and Aalto University. National Science Foundation: Water Sustainability and Climate Program, Awarded 2012

### Teaching and Advising

- ECON 265: Environmental Economics
- ENST/ECON/PBPL 26530: Environment, Agriculture and Food: Economic & Policy Analysis
- ENST/ PBPL 26531, ECON 26540: Environment, Agric. and Food: Advanced Economic & Policy Analysis
- PPBL 200: Economics for Public Policy
- ENST 218: Economics and Environmental Policy
- ENST 265: Economic Valuation of Ecosystems (Spring 2010 only)
- ENST 29701 and ENST 29702: Environment, Agriculture and Food Readings and Research
- Thesis and Independent Study Advising: 5-10 students per year in Public Policy, Environmental Studies, Political Science, Law, Letters and Society, Economics and the Harris School for Public Policy

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### Recent University Service and Activity

2014 to present	Public Policy Curriculum Committee, University of Chicago
2013 to present	Faculty Health Professions Advisory Committee Member, University of Chicago
2013 to present	Frizzell Family Endowment Speaker Series Committee, University of Chicago
2012 to present	Faculty Advisor, University of Chicago Green Economics RSO
2012	Carnegie Fellows Selection Committee, University of Chicago
2011 to Present	University of Chicago Harper Lecture Series Speaker, Milwaukee, WI, Seattle, WA and Tampa, FL (upcoming)
2011 to 2012	Faculty Member, Sustainability Council, University of Chicago
2010 to present	Founder and Coordinator, <i>Environment, Agriculture and Food Working Group</i> , University of Chicago, Program on Global Environment
2009 to present	Leadership in Sustainability Management Certificate Program, University of Chicago Graham School
2006 to present	Instructor, International Programs, University of Chicago Graham School

### Other Recent Service and Activity

2013 to present	Sensible Growth Committee Member, Metropolitan Planning Council, Chicago IL
2012 to present	Editorial Board, <i>Journal of Living Architecture</i> , Green Roofs for Healthy Cities
2012 to present	Advisory Board Chair, Green Chicago Restaurant Coalition, Chicago IL
2012 to 2013	Millennium Reserve Economic and Community Development Workgroup, IL Department of Natural Resources, Chicago IL
2012	Chair, Academic Host Committee, CitiesAlive Conference, Green Roofs for Healthy Cities and City of Chicago
2011 to present	Advisory Committee, Milwaukee Ave Green Development Corridor, Chicago IL
2011 to 2012	Advisory Board, "How Much Does it Cost?" Exhibit for the Chicago Architecture Foundation
2010 to 2011	Advisory Committee, Chicago Eco-structure Incentive Program, City of Chicago, Department of Environment
2009 to present	Advisory Board Partner, Greenleaf Advisors Sustainable Enterprises, Chicago, IL
2009 to 2011	Green Infrastructure Advisory Group, Center for Neighborhood Technology, Chicago, IL
2007 to 2008	Energy and Environment Policy Committee Member, Obama for America Campaign
2000 to present	Journal Reviewer, <i>American Journal of Agricultural Economics</i> , <i>Canadian Journal of Agricultural Economics</i> , <i>Ecological Economics</i> , <i>Land Economics</i> , <i>Journal of Applied Economics</i> , <i>Journal of Environmental Economics and Management</i> , <i>Journal of Environmental Management</i>

Publications and Proceedings

- Shaikh, S. "Benefit cost analysis for environmental decision making: using discounting to compare benefits and costs that occur at different points in time." Chapter in the Handbook of Metropolitan Sustainability. Woodhead Publishing, Cambridge, 2012.
- Tallis, H., S. Pagiola, W. Zhang, S.L. Shaikh, E. Nelson, C. Stanton and P. Shyamsundar. "Poverty Implications of Ecosystem Service Valuation" in Natural Capital: Theory and Practice of Mapping Ecosystem Services. P. Kareiva, et al, eds. Oxford University Press, 2011.
- Harris, J and S. Shaikh "Value of Time Clustering and the Efficiency of Destination-Based Congestion Pricing" *Environmental Practice*, 13(1) March 2011.
- Kozak, J, C. Lant, S. Shaikh and G. Wang. "The Geography of Ecosystem Service Value: The Case of the DesPlaines and Cache River Wetlands, Illinois." *Applied Geography*, 31 (1), January 2011.
- Tolley, G. S. and S. L. Shaikh. "The Greening of Buildings" in *Issues of the Day. 100 Commentaries on Climate, Energy, the Environment, Transportation and Public Health Policy*. I. Parry and F. Day, eds. RFF Press, Resources for the Future, 2010.
- Brandes, U. and S. Shaikh, *Investment Niche or Market Necessity: Climate Change, Land Use and Energy 2009*. Urban Land Institute: Washington, DC, 2009.
- Shaikh, S. L. and D. M. Cashdan. "The Race to a Low Carbon Economy and the Critical Role of the Real Estate Industry." *Urban Land*. February 2009.
- Shaikh, S.L., L. Sun, and G.C. van Kooten. "The Effect of Uncertainty on Contingent Valuation Estimates: A Comparison." *Ecological Economics*, 62(1), April 2007.
- Shaikh, S.L., L. Sun, and G.C. van Kooten. "Are Agricultural Values a Reliable Guide in Determining Landowners' Decisions to Create Forest Carbon Sinks?" *Canadian Journal of Agricultural Economics*, 55 (1) 2007.
- Larson, D.M., S.L Shaikh and D.F. Layton. "Revealing Preferences for Leisure Time from Stated Preference Data." *American Journal of Agricultural Economics*, 86(2) May 2004.
- Larson, D.M. and S.L. Shaikh. "Recreation Demand Choices and Revealed Values of Leisure Time." *Economic Inquiry*, 42(2) April 2004.
- Shaikh, S.L. and D.M. Larson. "A Two-Constraint Almost Ideal Recreation Demand System." *Review of Economics and Statistics*, 84(4) November 2003.
- Larson, D.M. and S. L. Shaikh. "Whalewatching Demand and Value: Estimates From a New Double-Semilog Empirical Demand System," in The New Economics of Outdoor Recreation. Hanley, N., W.D. Shaw, and R. Wright, eds. Edward Elgar, 2003.
- van Kooten, G.C., S.L. Shaikh and P. Suchanek. "Mitigating Climate Change by Planting Trees: The Transaction Costs Trap." *Land Economics*, 78(4) November 2002.
- Larson, D.M. and S.L. Shaikh. "Empirical Specification Requirements for Two-Constraint Models of Recreation Choice." *American Journal of Agricultural Economics*, 83(2) May 2001.
- Shaikh, S.L. and J.B. Loomis. "An Investigation into the Presence and Causes of Environmental Inequity in Denver, Colorado." *The Social Science Journal*, 36 Jan 1999.

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Selected Talks and Working Papers

- “Feeding the World: How do we prepare to feed 9 billion people by 2050 without overwhelming the planet?” Opening Remarks, Booth School of Business Food Environment and Agribusiness Fall Forum, University of Chicago November 17, 2014
- Should you get Paid to Protect the Environment? TedX UChicago, *Make no Little Plans*, April 19, 2014
- Measuring the Economic Value of Urban Green Space: A Case Study for Chicago. Presentation, Loyola University Institute for Environmental Studies, September 2013.
- The True Economic Value of Environment. Presentation, University of Chicago Alumni Harper Lecture Series, Seattle, WA, May 5, 2013
- Scientific Mediation Seminar on Water Management: Developing International Cooperation, Office for Science and Technology at the French Consulate in Chicago, April 17-18, 2013
- Valuing Ecosystem Services for Conservation/Development. Presentation, American Planning Association National Conference, Chicago IL, April 15, 2013
- Panel Speaker, Understanding and Using Market-based Approaches to Large Landscape Conservation, Large Landscape Conservation in Metropolitan America: Taking Stock and Shaping the Future, Chicago Wilderness and Loyola University, Chicago IL April 13, 2013
- Co-Organizer, Integrative Modeling for Ecosystem Services in the Lower Mekong Region, Stanford University, April 6-7, 2013
- Delivering Healthy Water Workshop Team. “Delivering Healthy Water: Building the Science-Policy Interface to Protect Bathing Water Quality.” Working Paper, February 2013.
- The Big Picture: Transformation and Change, Navigating Change. Presentation, Midwest Ecological Landscape Association Annual Conference, Grayslake IL, February 2013
- Economic Benefits of the Tennessee Valley Authority’s Natural Resource Plan. Presentation, A Community on Ecosystem Services Conference, Fort Lauderdale FL, December 2012
- The Value of Beach Visits and Effect of Swim Bans in Chicago. Presentation, Delivering Healthy Water Workshop. University of Stirling, Scotland, UK. October 2012
- Using Stakeholder Participation and Multi-Criteria Decision Analysis for Environmental Management. Great Lakes Areas of Concern Conference, Cleveland, OH, September 2012
- Beyond Impact: Finding Economic Value in Green. Midwest Green Economy: Where are we now and What’s it’s Future? University of Chicago Graham School and Delta Institute, January 2012
- The Economics of Nature and Ecosystems, University of Chicago Alumni Harper Lecture Series, Milw, WI, 2011
- Interaction, Connectivity, and Interdependence of Water Systems and Ecosystem Services in the Lower Mekong Region. Invited Participant, National Academies Keck Futures Initiative, Irvine, CA, 2011
- The Economics of Ecosystems, South by Southwest ECO conference, Austin TX, 2011
- Auctions for Stormwater Management, Sustaining the Triple Bottom Line: the Full Value of Water Resources, Chicago Metropolitan Agency for Planning, Chicago IL, 2011
- The Economics of Green Space Investments: A Case Study for Chicago. *Strengthening the Green Foundation*, Federal Reserve Bank of Atlanta, Tulane University, New Orleans, LA, March, 2011
- Linking Ecology and Economy through the Ecosystem Services Approach in the Calumet Region. Invited Presentation, *Calumet Summit: A Call to Connect*, Hammond, IN, 2010.
- Infrastructures for Change Symposium 2010, Great Lakes Models, *Designing Urban Catalysts*, 2010.
- Ecosystems and Economics: Progress and Optimism for the Future *Economic Valuation of Ecosystem Services Conference*, Program on Global Environment, University of Chicago, 2009.

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Beyond Carbon: Economic Valuation and Markets for Ecosystem Services. *Conference on Environmental Economics and Policy in Honor of Richard Kosobud*, University of Illinois at Chicago, Department of Economics, 2009.

Economics of Ethanol. Crosscurrents: Ethanol, Oil, and Water in Western Illinois. Illinois Humanities Council, Augustana College, Rock Island, IL, 2009.

Inside Carbon Cap & Trade: The Emerging Federal Framework. Urban Land Institute Webinar 2008

Economics of U.S. Climate Policy: The Role of Buildings. Cap and Trade Legislation, A View from the Trenches. Urban Land Institute Annual Meeting, Miami, FL. 2008.

Economics of Global Climate Change. Climate Change: Biological and Social Implications, Summer Teacher Institute, Center for International Studies, University of Chicago, 2008.